Hustler® Raptor
Parts Manual

HUSTLER®

Excel Industries, Inc.

200 S. Ridge Road

Hesston, Kansas

67062

WARNING

The engine exhaust from this product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

NOTICE OF REQUIREMENT OF SPARK ARRESTER MUFFLER

This equipment may create sparks that can start fires around dry vegetation. California Public Resources Code Section 4442.6 provides that it is unlawful to use or operate an internal combustion engine on any forest-covered, brush-covered, or grass-covered land unless the engine is equipped with a spark arrester maintained in effective working order. A spark arrester is a device constructed of nonflammable materials specifically for the purpose of removing and retaining carbon and other flammable particles over 0.0232 of an inch in size from the exhaust flow of an internal combustion engine that uses hydrocarbon fuels or which is qualified and rated by the United States Forest Service. Other states or federal areas may have similar laws. The Operator Should Contact Local Fire Agencies For Laws or Regulations Relating to Fire Prevention Requirements. THIS EQUIPMENT DOES NOT HAVE A SPARK ARRESTER AND YOU SHOULD CONTACT YOUR AUTHORIZED DEALER FOR THE PURCHASE OF A SPARK ARRESTER.

Inspect spark arrester daily; replace every 500 hours or as needed.

The Engine Owner's Manual provides information regarding the U.S. Environmental Protection Agency (EPA) and the California Emission Control Regulation of emission systems, maintenance and warranty.

Keep Engine Owner's Manual with your unit. Should the Engine Owner's Manual become damaged or illegible, replace immediately. Replacements may be ordered per the information found in the Product Information section of the owner's manual.

Federal law and California State law prohibit the following acts or the causing thereof:

1. The removal or rendering inoperative by any person other than for purposes of maintenance, repair, replacement, of any device or element of design incorporated into any equipment for the purposes of emissions control prior to or after its sales or delivery to the ultimate purchaser or while it is in use, or
2. The use of the equipment after such device or element of design has been removed or rendered inoperative by any person.

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General Information

This manual covers Hustler® Raptor models ***931741, 931881, 931899, 931998US, & 932004US****.*

Service Literature

PART NO.	DESCRIPTION
604220	OPERATOR'S MANUAL
117371	WARRANTY STATEMENT
117373	GENERAL SERVICE MANUAL

Options Available From Your Dealer

PART NO.	DESCRIPTION
117578	42" MULCH KIT
117581	52" MULCH KIT
333724	STEERING LEVER EXTENSION KIT
932459	RAPTOR 2 BAG CATCHER
604436	ARM REST KIT
117703	HOUR METER KIT
799288	FLEX FORKS KIT

Note: *When ordering parts, you must use the part number as shown for each part, not the index number. Always give the model and serial number to your parts and service representative.*

Note: *Items sold in bulk such as seals and hoses are sold by the foot.*

Using This Manual

This manual is part of a service package for the Hustler® mowers. Use of this manual in conjunction with other Hustler® mower and component manuals will provide the information necessary to service and maintain Hustler® mowers.

This Parts Manual provides a complete parts listing for the unit. Use this manual when ordering parts. Illustrations used were current at the time of printing, but subsequent production changes may cause your machine to vary slightly in detail. Excel Industries, Inc. reserves the right to redesign and change the machine as deemed necessary, without notification. If a change has been made to your machine which is not reflected in this parts manual, see your authorized dealer for current information and parts.

The Service Manual is a service guide for use by Service Technicians. It provides the necessary information needed to perform normal maintenance requirements on these units.

The Operator's Manual provides fundamental operational information and operational safety that is needed when operating the mower.

The component manuals are furnished by the various manufacturers to be used for the troubleshooting and servicing of their products.

Hardware Description Codes & Abbreviations

The following codes are used throughout this parts manual. Refer to this list when ordering parts.

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
CB	CARRIAGE BOLT	MB	MACHINE BUSHING
CE	CLEVIS PIN	MS	MACHINE SCREW
CN	CLIP NUT	NT	NUT
CP	COTTER PIN	SC	SELF TAPPING CAP SCREW
CS	CAP SCREW	SH	SOCKET HEAD
CW	CUP WASHER	SB	SHOULDER BOLT
FDRW	FENDER WASHER	SS	SET SCREW
FW	FLAT WASHER	OD	OUTSIDE DIAMETER
HX	HEX HEAD	ID	INSIDE DIAMETER
LW	LOCK WASHER		

Standard Torques

The following chart lists the standard torque values for the threaded fasteners found in this manual. Torque all cap screws, nuts and set screws to these values unless a different torque is shown in the Notes section next to the fastener.

SIZE	FT-LBS	N-M	SIZE	FT-LBS	N-M
.250	8.2	11.1	M3	1	1.3
.312	17	23	M4	2.2	3
.375	30	40	M5	4.5	6.1
.438	48	65	M6	7.7	10.4
.500	73	99	M8	18.5	25
.562	105	143	M10	37	50
.625	145	200	M12	64	87
.750	260	350	M14	80	108.5
.875	420	565	M16	160	215
1.00	625	850	M20	320	435
			M24	555	750

Section 2

Frame 2-2

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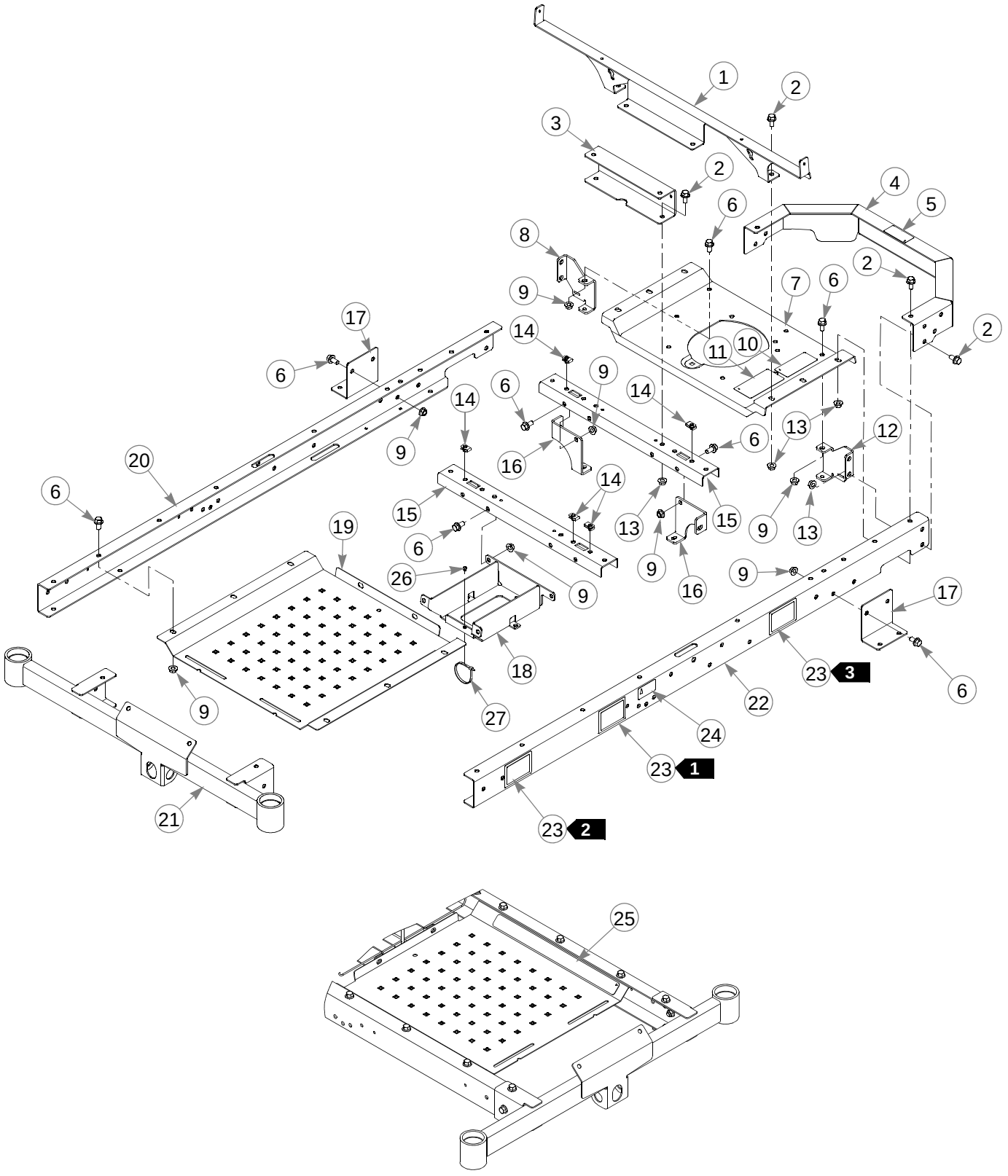
Frame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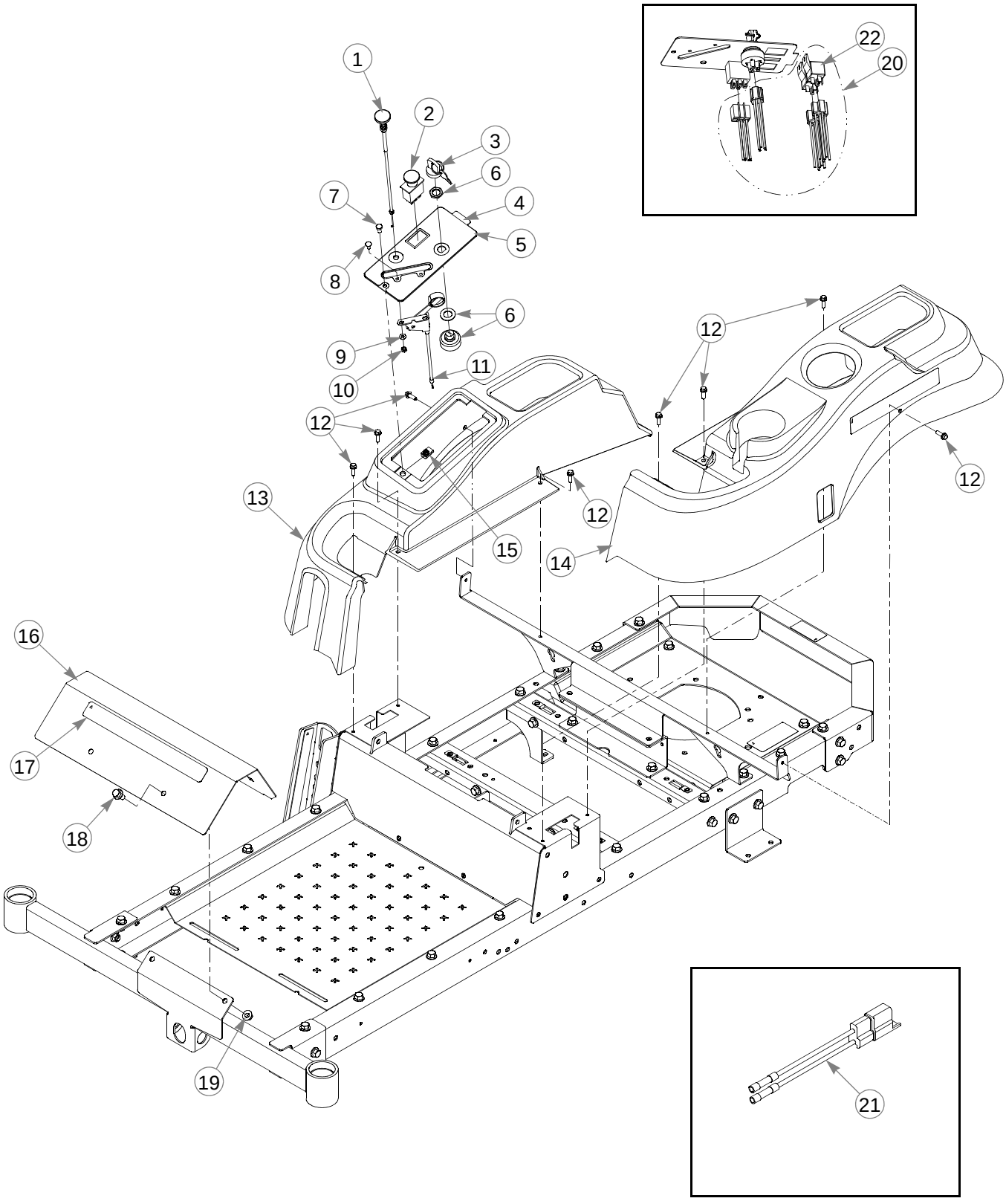
Frame

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	116126	1	SEAT SUPPORT
2	029629	10	CS .375-16 X .75 HX FLK
3	116127	1	SPRING SUPPORT
4	551857	1	BUMPER (WITH DECAL)
5	602041	1	HOT DECAL
6	604176	30	CS .375-16 X .75 HX FLK PLN
7	551858	1	ENGINE PLATE (WITH DECALS)
8	551859	1	RS REAR BRACKET
9	604177	30	NT .375-16 HX FLK PLN
10	601967	1	ENGINE COMPARTMENT DECAL
11	600899	1	PUMP BELT WARNING DECAL
12	551860	1	LS REAR BRACKET
13	016899	10	NT .375-16 HX FLK ZNYC
14	601982	5	CN .250-20 X .15 MAX THK
15	551861	2	CROSS SUPPORT
16	551862	2	RS FRONT BRACKET
17	551863	2	HYDRO BRACKET
18	551864	1	BATTERY TRAY
19	551865	1	FOOT PAN (WITH DECAL)
20	551866	1	RS FRAME CHANNEL
21	551867	1	FRONT CROSS FRAME
22	551868	1	LS FRAME CHANNEL (WITH DECALS)
23	N/A	1	SERIAL NUMBER / SPEC DECAL
24	727172	1	MADE IN USA DECAL
25	601981	1	SAFE OPERATION DECAL
26	604307	6	PUSH BUTTON MOUNT
27	000331	6	WIRE TIE

NOTES:

1. Serial number decal. In the event the serial number tag becomes damaged or illegible, please contact your dealer to order a replacement.
2. EPA compliance decal.
3. Patent numbers decal.
4. Torque all hardware to a minimum of 33 ft-lbs.

Fenders & Instrument Panel

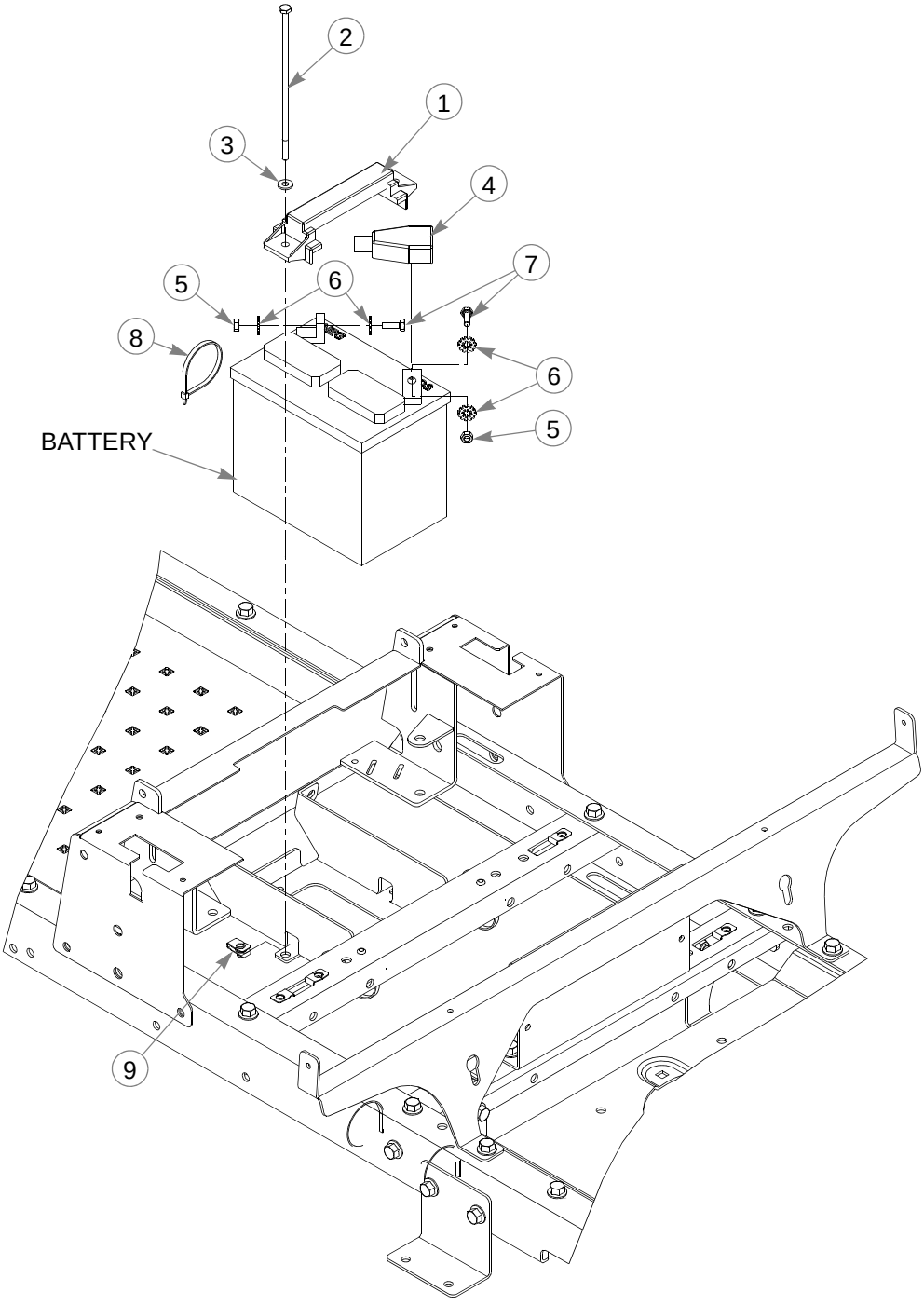


Fenders & Instrument Panel

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	601097	1	CHOKE CABLE
2	776476	1	PTO SWITCH
3	785808	1	KEY ASSEMBLY
4	551898	1	INSTRUMENT PANEL (WITH DECAL)
5	604196	1	INSTRUMENT PANEL DECAL
6	045898	1	IGNITION SWITCH
7	055947	1	CS .250-20 X .500 HX G5
8	601098	2	CB 10-24 X .500 ZYNC
9	704932	2	FW .219 X .500 X .048 ZNYC
10	059832	2	NT #10-24 HX NL ZN
11	601096	1	THROTTLE CABLE
12	604324	8	CS .250-20 X .75 HX FLG
13	604124	1	RS FENDER
14	604125	1	LS FENDER
15	601982	1	CN .250-20 X .15 MAX THK
16	116162	1	FOOTREST
17	602407	1	HUSTLER ID DECAL
18	029629	2	CS .375-16 X .75 HX FLK
19	016899	2	NT .375-16 HX FLK ZNYC
20	604181	1	WIRE HARNESS
21	114052	1	CLUTCH CONNECTOR REPAIR KIT
22	601053	2	SEALED RELAY (WITH BRACKET)

NOTES:

Battery



Battery

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604178	1	TIE DOWN STRAP
2	604465	2	CS 0.250-20 X 7.50 HX G5
3	768515	2	FW .281 X .625 X .051/.080 HD ZN/YL
4	771428	1	RED BATTERY CABLE BOOT
5	024927	2	NT .250-20 HX G5 ZNYC
6	029868	4	LW .250 INT-EXT TOOTH Z
7	055939	2	CS .250-20 X .75 HX G5
8	000331	2	WIRE TIE
9	601982	2	CN .250-20 X .15 MAX THK

NOTES:

1. When performing service on the mower, disconnect the battery ground cable and do not reconnect it to the battery until the engine is ready to be started.

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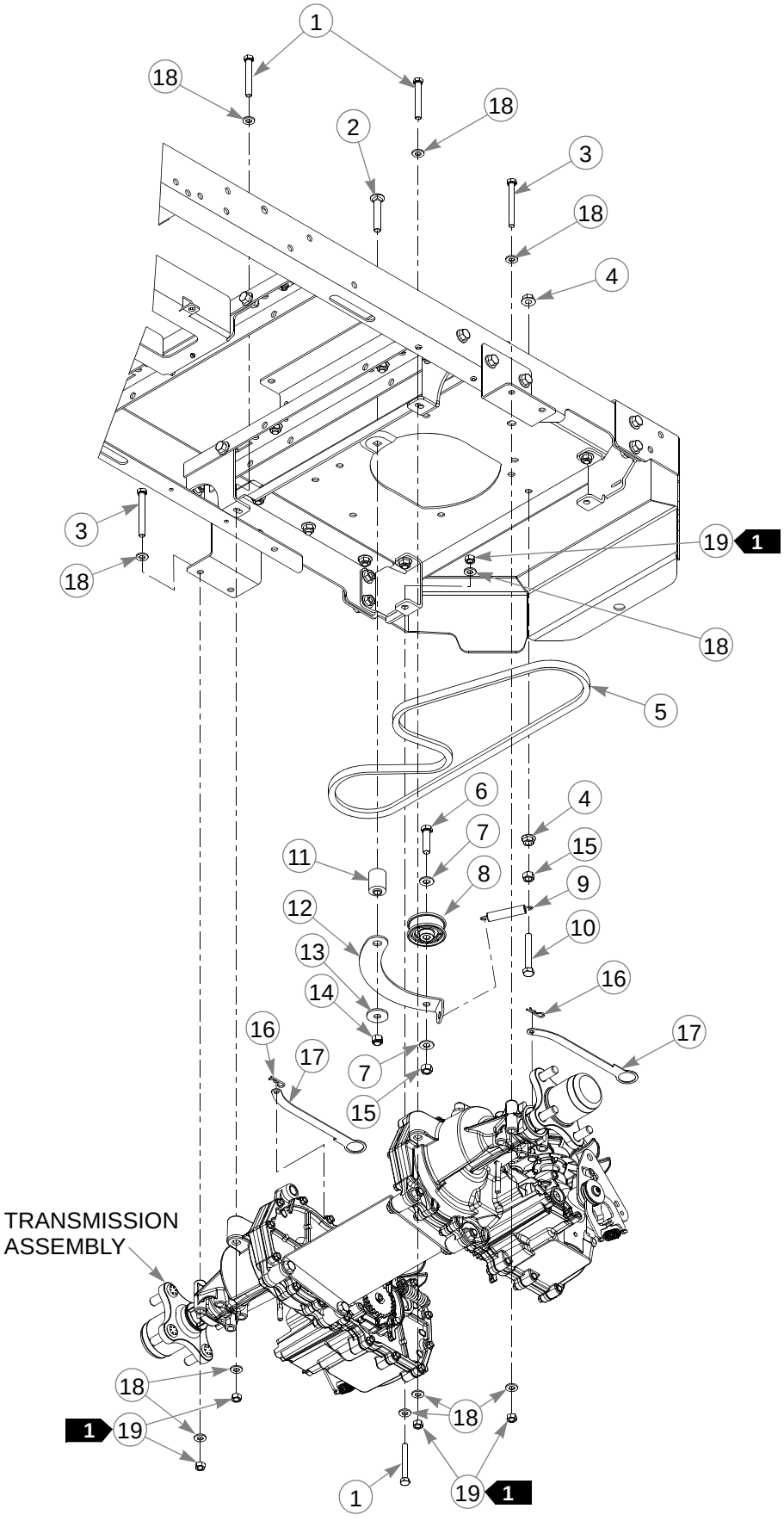
Hydraulic Assembly



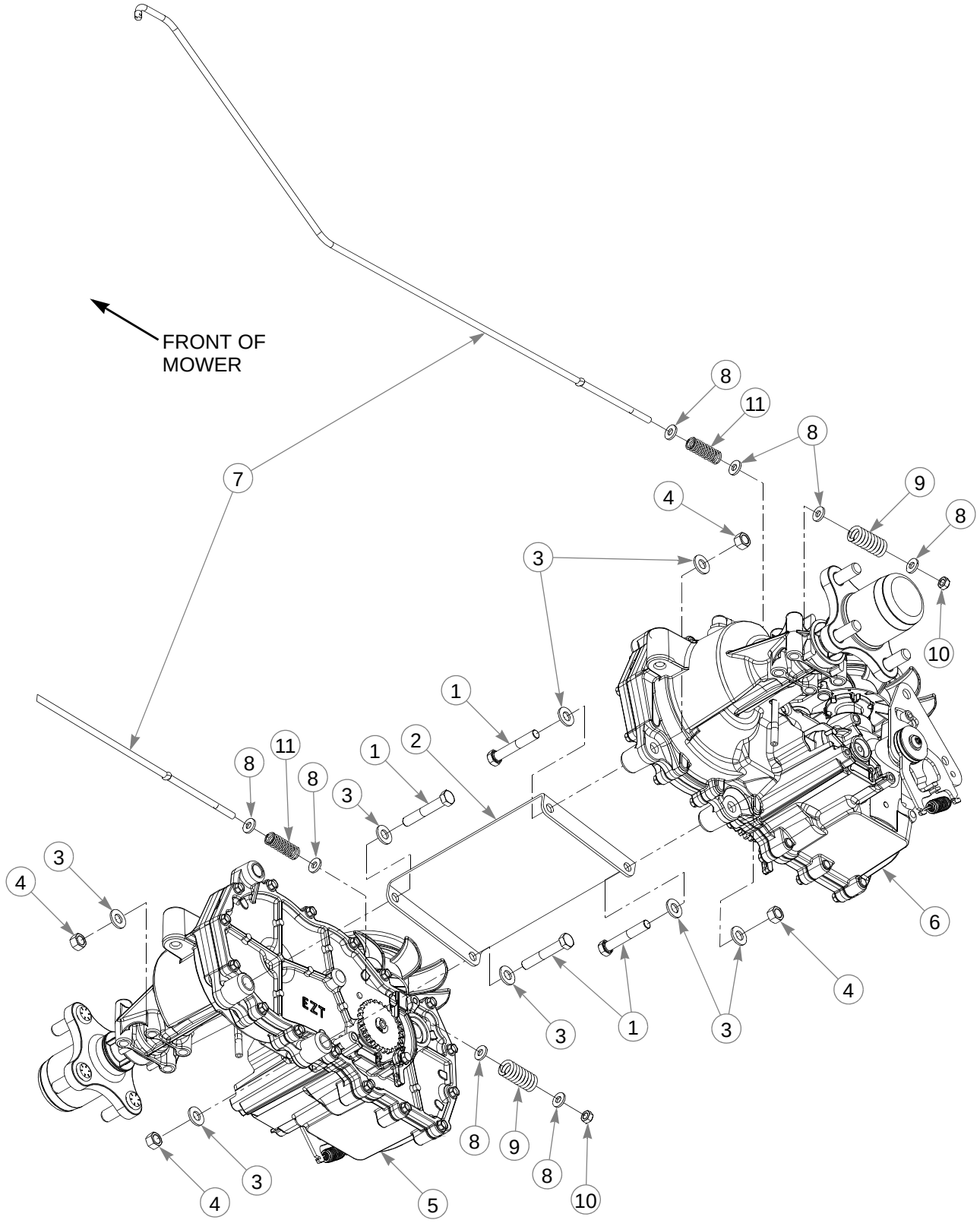
Hydraulic Assembly

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	710087	4	CS .312-18 X 2.50 HX G5
2	604343	1	CB .375-16 X 2.25 STD ZN
3	043067	4	CS .312-18 X 3.00 HX G5 Z
4	016899	2	NT .375-16 HX FLK ZNYC
5	603907	1	DRIVE BELT
6	080655	1	CS .375-16 X 1.50 HX G5
7	767954	2	FW .406 X .812 X .060 SAE
8	604491	1	PULLEY 2.0" IDLER
9	604490	1	SPRING
10	604487	1	CS .375-16 X 2.5 FULTH
11	116289	1	IDLER SPACER
12	116287	1	IDLER ARM
13	712893	1	FW .406 X 1.25 X .12 HRD Z
14	086660	1	NT .375-16 HX ZY NL
15	054502	2	NT .375-16 HX G5 ZNY
16	706549	2	HP .080D X 1.19
17	116218	2	TOW VALVE LINK
18	768523	16	FW .343 X .687 X .051/.080H
19	034272	8	NT .312-18 HX G5 ZNYC

NOTES:

1. Torque to 17 ft-lbs.

Transmission Assembly

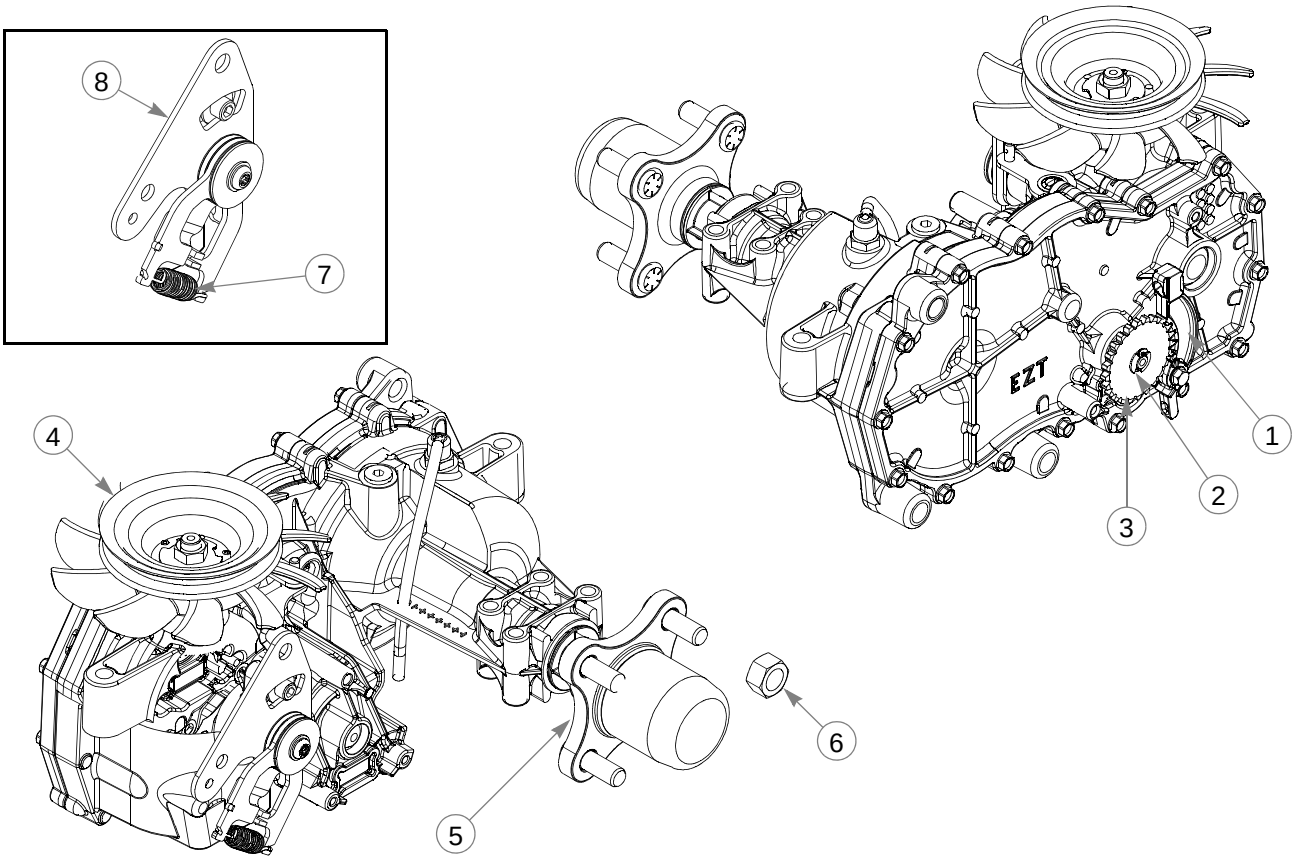


Transmission Assembly

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	056036	4	CS .375-16 X 2.25 HX G5
2	110042	1	HYDROSTAT CROSS BRACE
3	767954	8	FW .406 X .812 X .060 SAE
4	054502	4	NT .375-16 HX G5 ZNY
5	604127	1	RS TRANSMISSION
6	604128	1	LS TRANSMISSION
7	116143	2	ACTUATOR
8	768515	8	FW .281 X .625 X .051/.080 HD ZN/YL
9	601051	2	OVERTRAVEL SPRING
10	068551	2	NT .250-20 HX ZY NL
11	601131	2	SPRING

NOTES:

Transmission Service Parts



604127 RIGHT SIDE TRANSMISSION

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	795047	1	PARKING PAWL KIT
2	798371	1	RETAINING RING
3	798363	1	PARK BRAKE GEAR
4	602094	1	FAN/PULLEY KIT
5	601433	1	4 BOLT HUB KIT (WITH NUT)
6	788877	1	HUB NUT
7	604903	1	HG RTN SPRING
8	604901	1	HG RTN CW

604128 LEFT SIDE TRANSMISSION

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	795047	1	PARKING PAWL KIT
2	798371	1	RETAINING RING
3	798363	1	PARK BRAKE GEAR
4	602094	1	FAN/PULLEY KIT
5	601433	1	4 BOLT HUB KIT (WITH NUT)
6	788877	1	HUB NUT
7	604903	1	HG RTN SPRING
8	604902	1	HG RTN CCW

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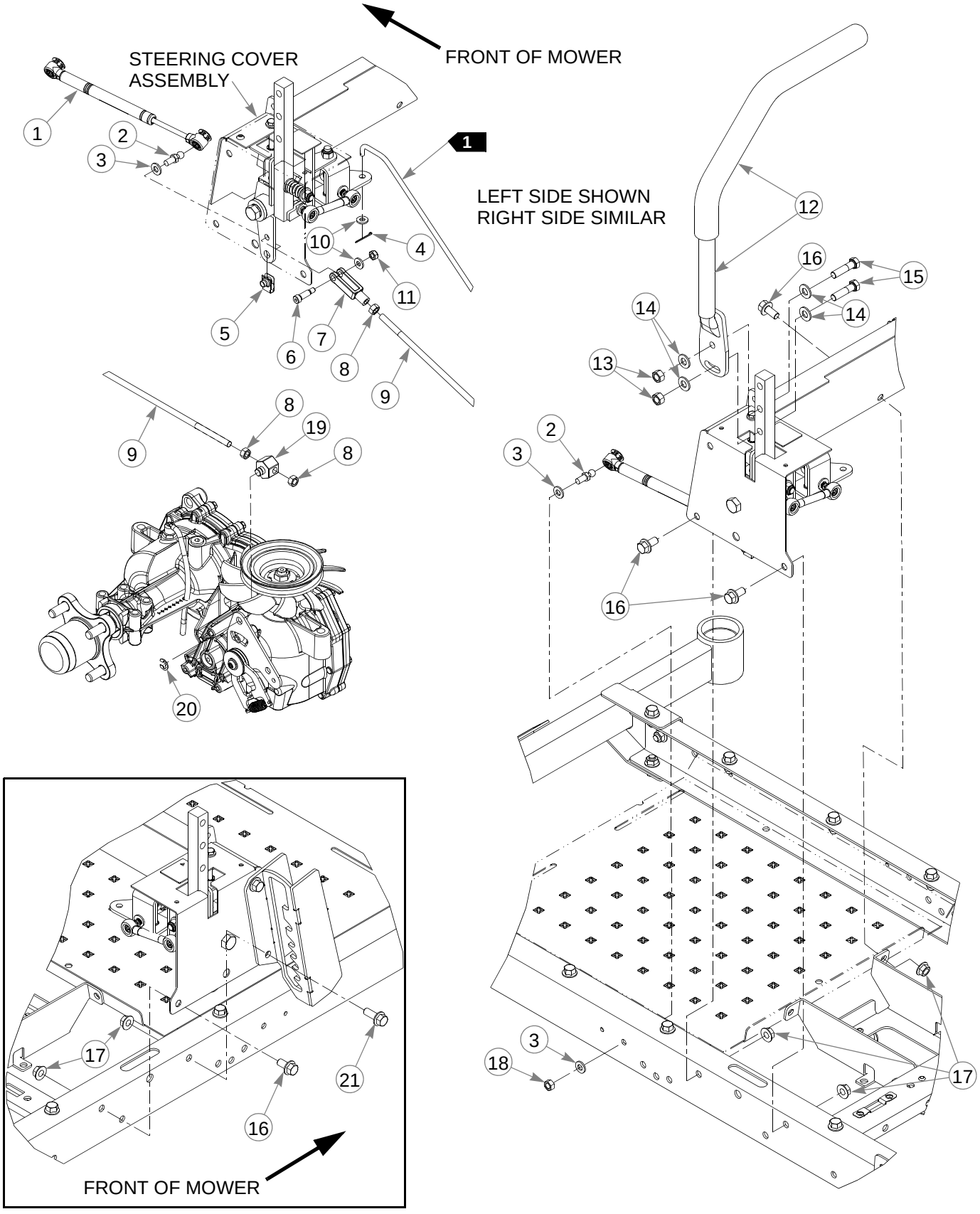
Steering & Brake



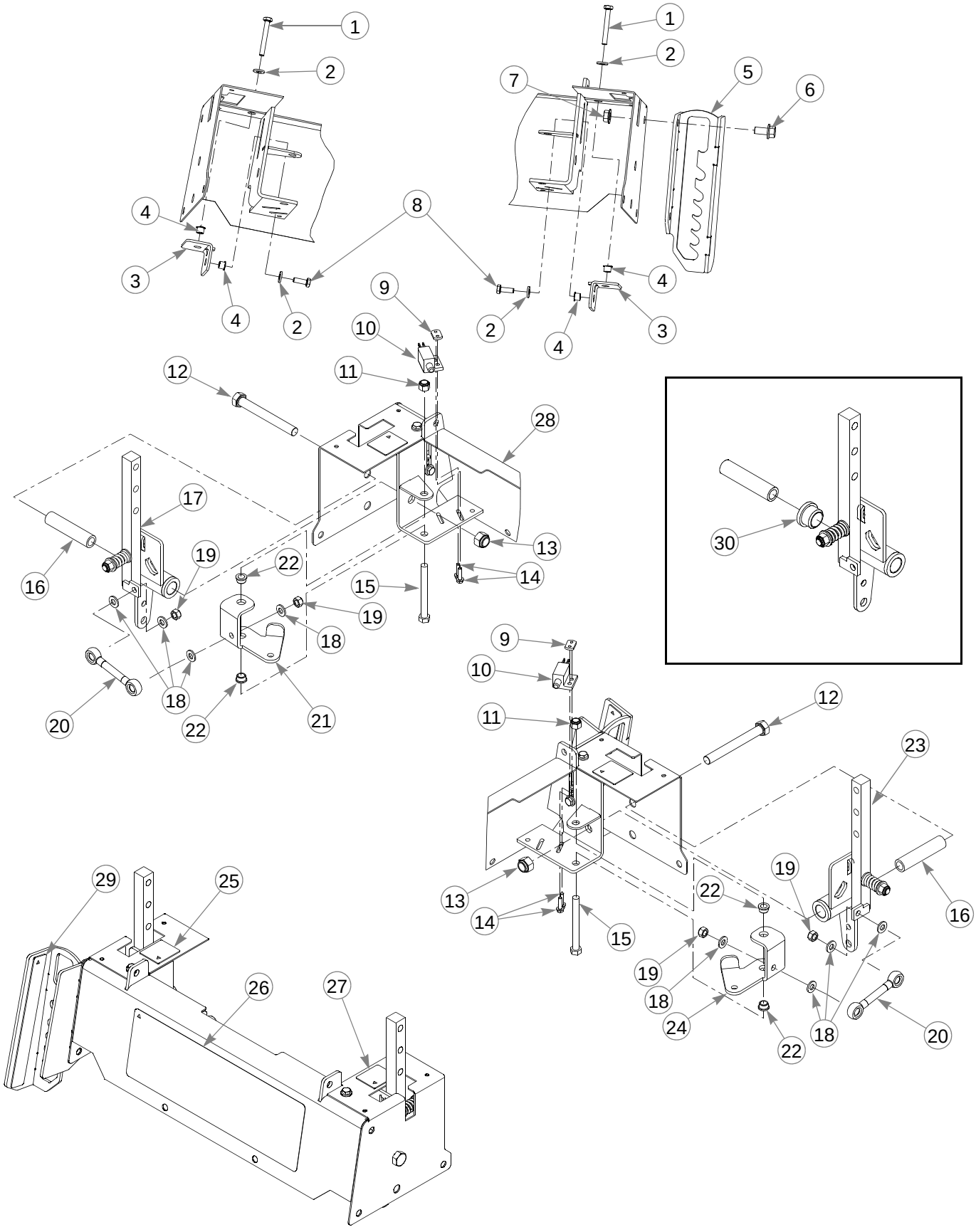
Steering & Brake

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	603983	2	DAMPER
2	781922	4	BALL STUD
3	768523	6	FW .343 X .687 X .051/.080H
4	048553	2	CP .062D X 1.00 LG HML Z
5	601069	2	CN .312-18 X .20 MAX THK
6	772483	2	SB .312 X .75 SH .250-20
7	604173	2	YOKE, 5/16-24
8	041152	6	NT .312-24 HX ZNYC
9	603905	2	STEERING ROD
10	768515	4	FW .281 X .625 X .051/.080 HD ZN/YL
11	068551	2	NT .250-20 HX ZY NL
12	110370	2	STEERING BAR (WITH GRIP)
	781260	1	STEERING BAR GRIP
13	054502	4	NT .375-16 HX G5 ZNY
14	767954	8	FW .406 X .812 X .060 SAE
15	080655	4	CS .375-16 X 1.50 HX G5
16	029629	5	CS .375-16 X .75 HX FLK
17	016899	6	NT .375-16 HX FLK ZNYC
18	034272	2	NT .312-18 HX G5 ZNYC
19	116144	2	STEERING BUSHING
20	603332	2	CLIP
21	029751	1	CS .375-16 X 1.00 HXFLK

NOTES:

1. Part of the hydraulic assembly.

Steering Cover Assembly



Steering Cover Assembly

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604452	2	CS .250-20 X 2.00 HX FLTHD
2	768515	4	FW .281 X .625 X .051/.080 HD ZN/YL
3	117540	2	DRIVE STRAIGHT STOP
4	808477	4	1/4-20 THREAD RIVET NUT
5	551912	1	LATCH WITH DECAL
6	029629	1	CS .375-16 X .75 HX FLK
7	016899	1	NT .375-16 HX FLK ZNYC
8	055939	2	CS .250-20 X .75 HX G5
9	601822	2	NUT PLATE .420 CENTERS
10	781211	2	PUSH BUTTON SWITCH
11	086660	2	NT .375-16 HX ZY NL
12	781708	2	CS .500-13 X 4.25 HX G5
13	781567	2	NT .500-13 HX G8 ZY NL
14	063198	4	CS 10-24 X .75 HX FLK ZN
15	005108	2	CS .375-16 X 3.50 HX G5 Z
16	604288	2	STEERING SPACER
17	604300	1	LS STEERING BOX
18	768523	8	FW .343 X .687 X .051/.080H
19	058776	4	NT .312-18 HX ZY NL
20	604179	2	BRAKE ROD
21	116142	1	LS BRAKE BELLCRANK
22	765339	4	BUSHING
23	604299	1	RS STEERING BOX
24	116141	1	RS BRAKE BELLCRANK
25	785220	1	RS STEERING DECAL
26	604195	1	RAPTOR ID DECAL
27	785139	1	LS STEERING DECAL
28	116134	1	STEERING COVER
29	604275	1	DECK HEIGHT DECAL
30	781153	2	BUSHING

NOTES:

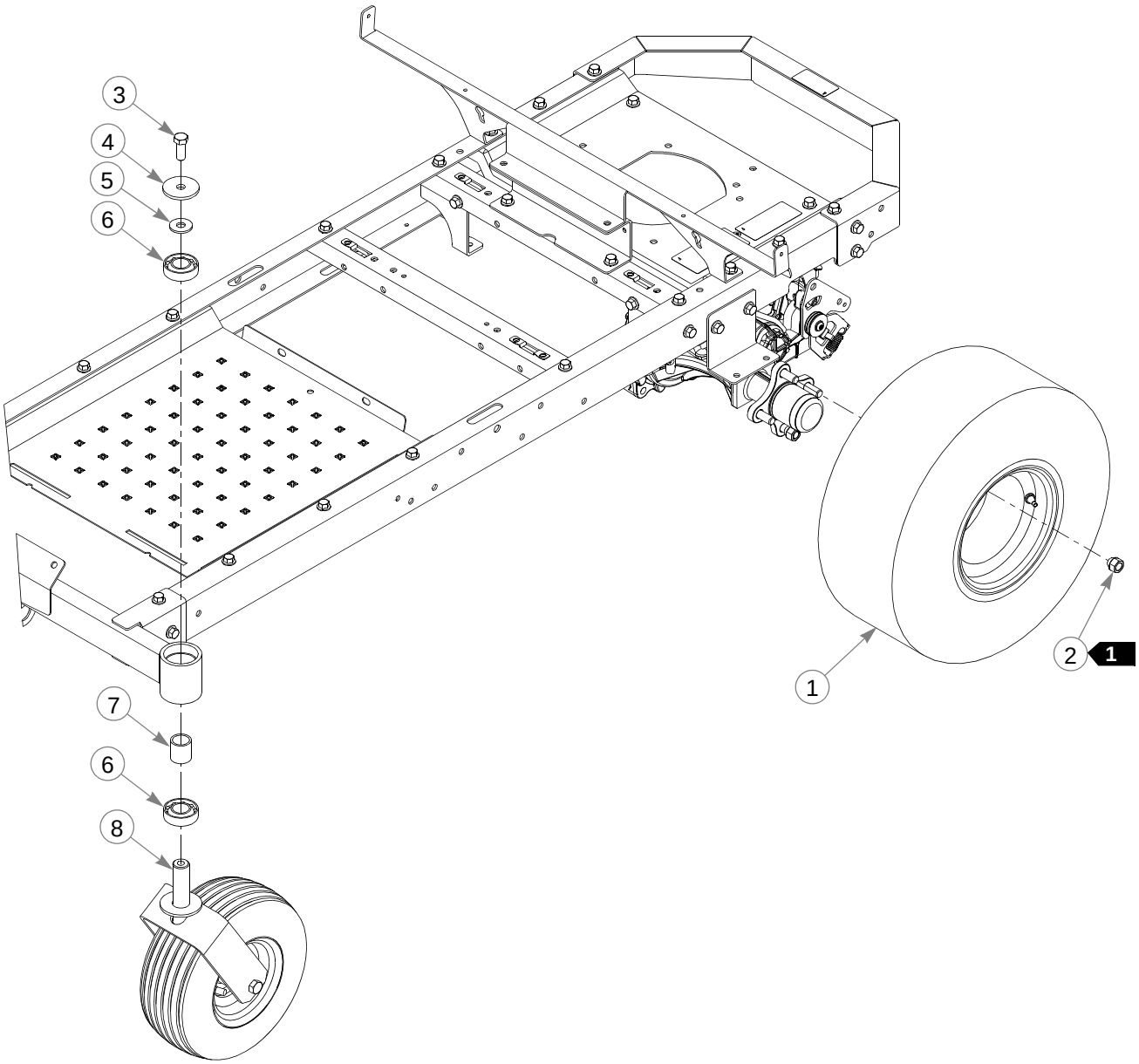
Section 4

Wheel & Tire 4-2

Front Wheel Breakdown 4-4

Drive Wheel Breakdown 4-6

Wheel & Tire



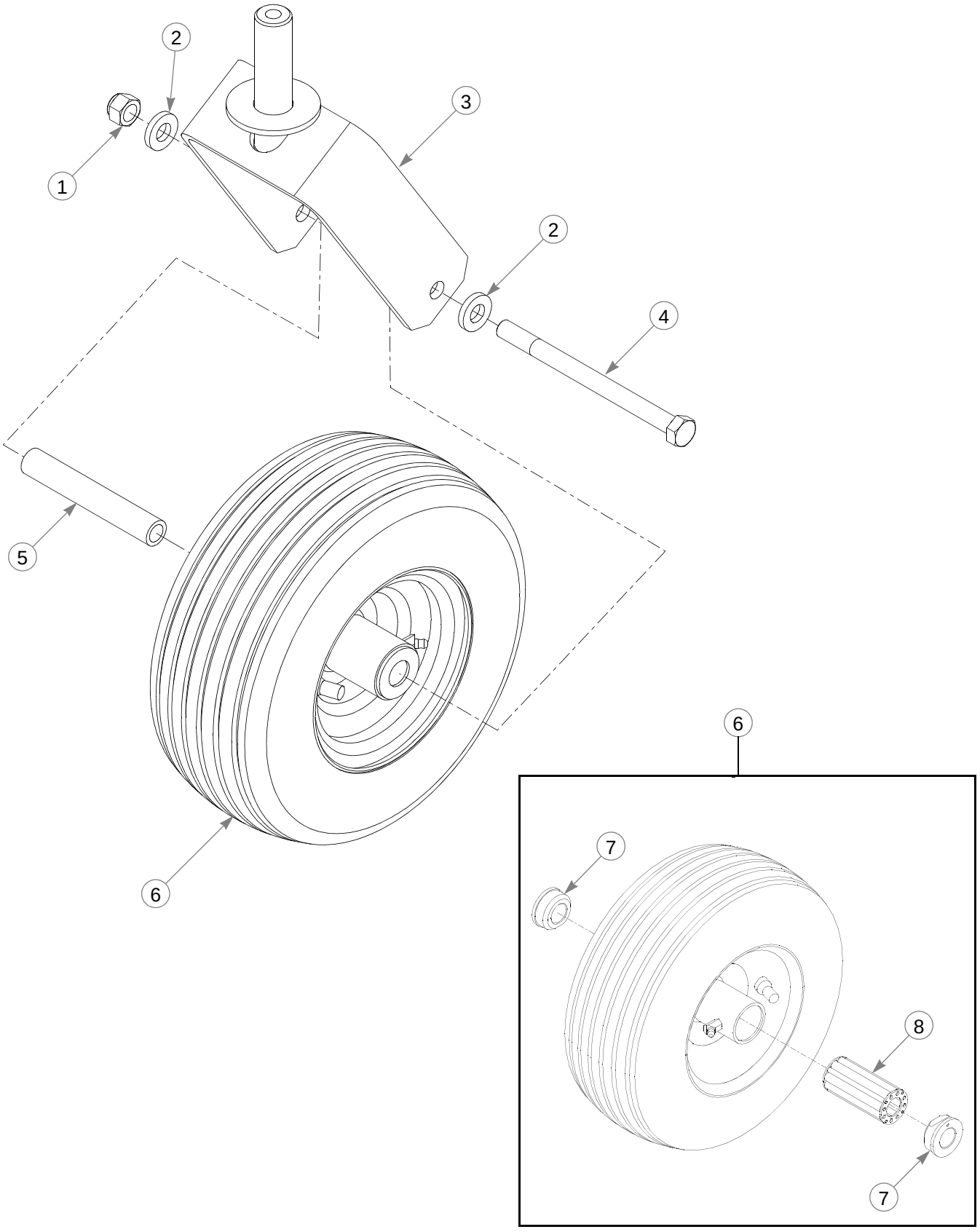
Wheel & Tire

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604013	2	TIRE/WHEEL ASSEMBLY
2	061077	8	WHEEL NUT
3	705954	2	CS .500-13 X 1.25 HX G5 ZN
4	344267	2	FW .510 X 2.15 X .187 SPL
5	712976	2	FW .531 X 1.375 X .125 ZNY
6	784223	4	BEARING
7	784603	2	SPACER
8	N/A	1	FRONT WHEEL ASSEMBLY

NOTES:

1. Torque to 65–75 ft-lbs.

Front Wheel Breakdown

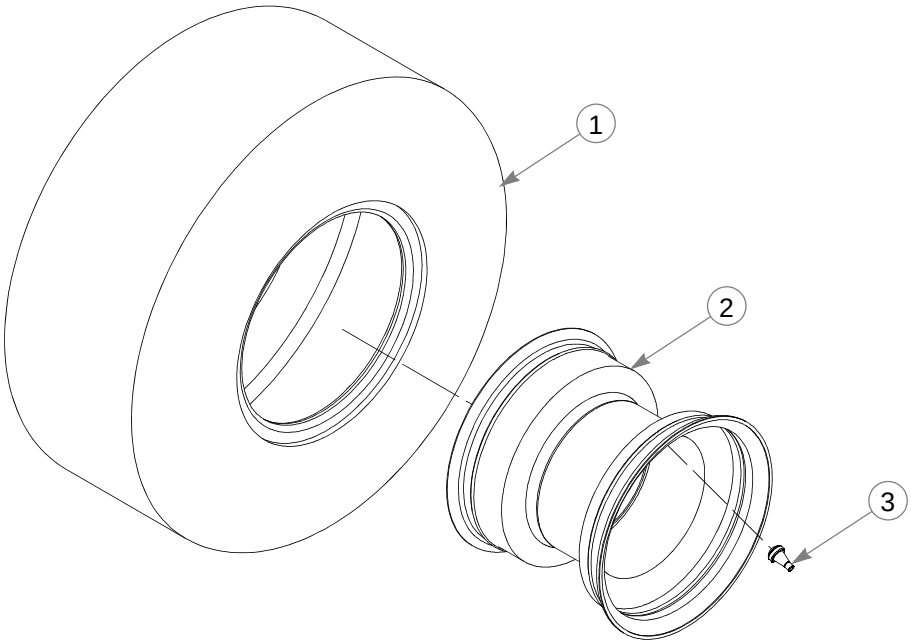


Front Wheel Breakdown

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	781567	1	NT .500-13 HX G8 ZY NL
2	767962	2	FW .531 X 1.063 X .090 SAE
3	110116	1	CASTER FORK
4	042630	1	CS .500-13 X 6.50 HX G5 Z
5	306969	1	GAUGE WHEEL SPACER
6	768044	1	TIRE/WHEEL 11 X 4-5 RIBBED
7	772806	2	BEARING CAP
8	772814	1	3/4" ROLLER BEARING

NOTES:

Drive Wheel Breakdown



INDEX NO.	PART NO.	QTY	DESCRIPTION
1	604267	1	TIRE, 18 X 8.5-8
2	601820	1	WHEEL 8 X 6.93
3	019521	1	VALVE STEM

NOTES:

Section 5

Engine, Kawasaki FR651V & FR691V—W/O Carbon Canister 5-2

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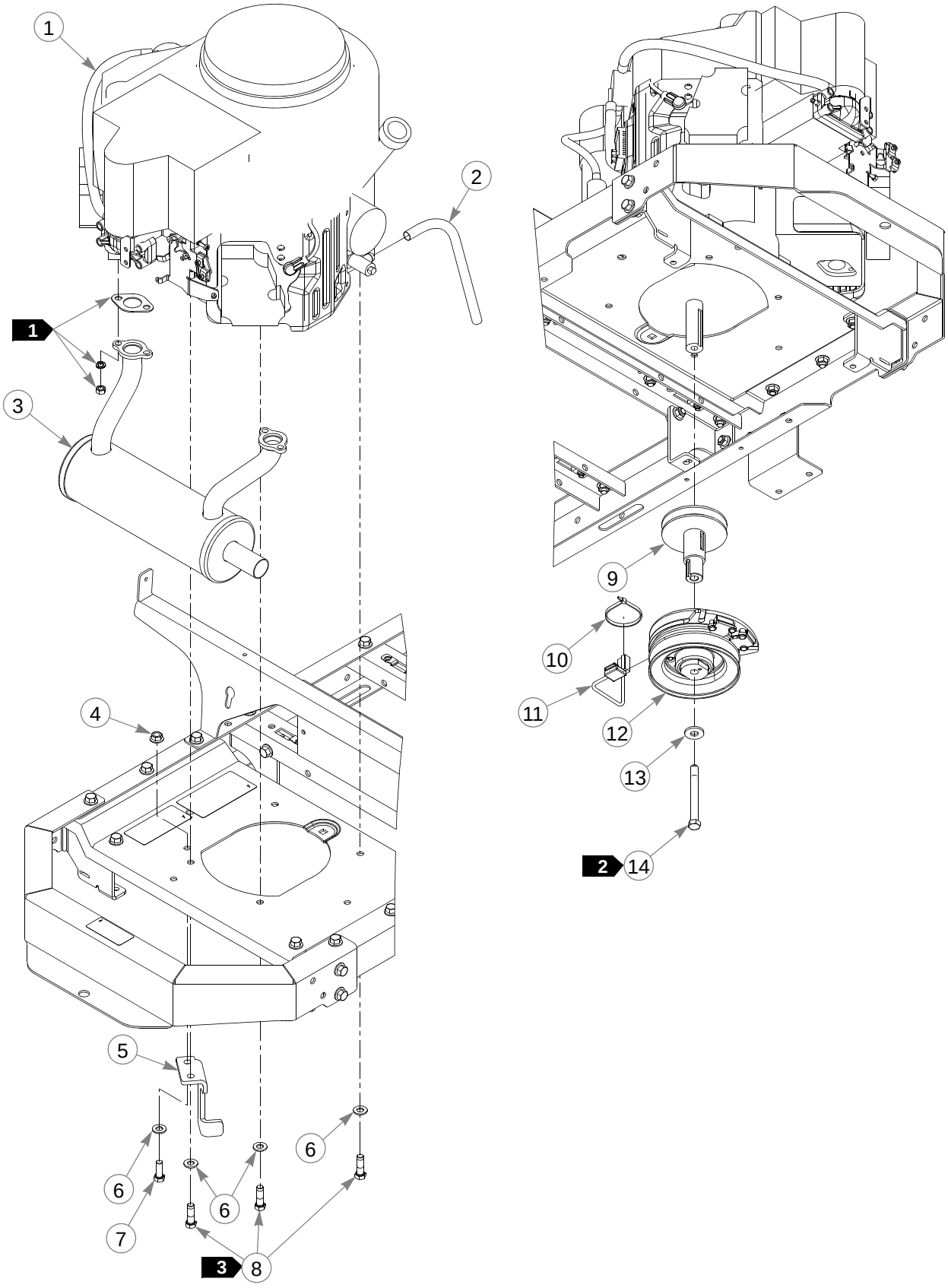
Fuel System—With Carbon Canister. 5-14

Fuel Tank Service Parts 5-16

Engine, Kawasaki FR651V & FR691V—W/O Carbon Canister



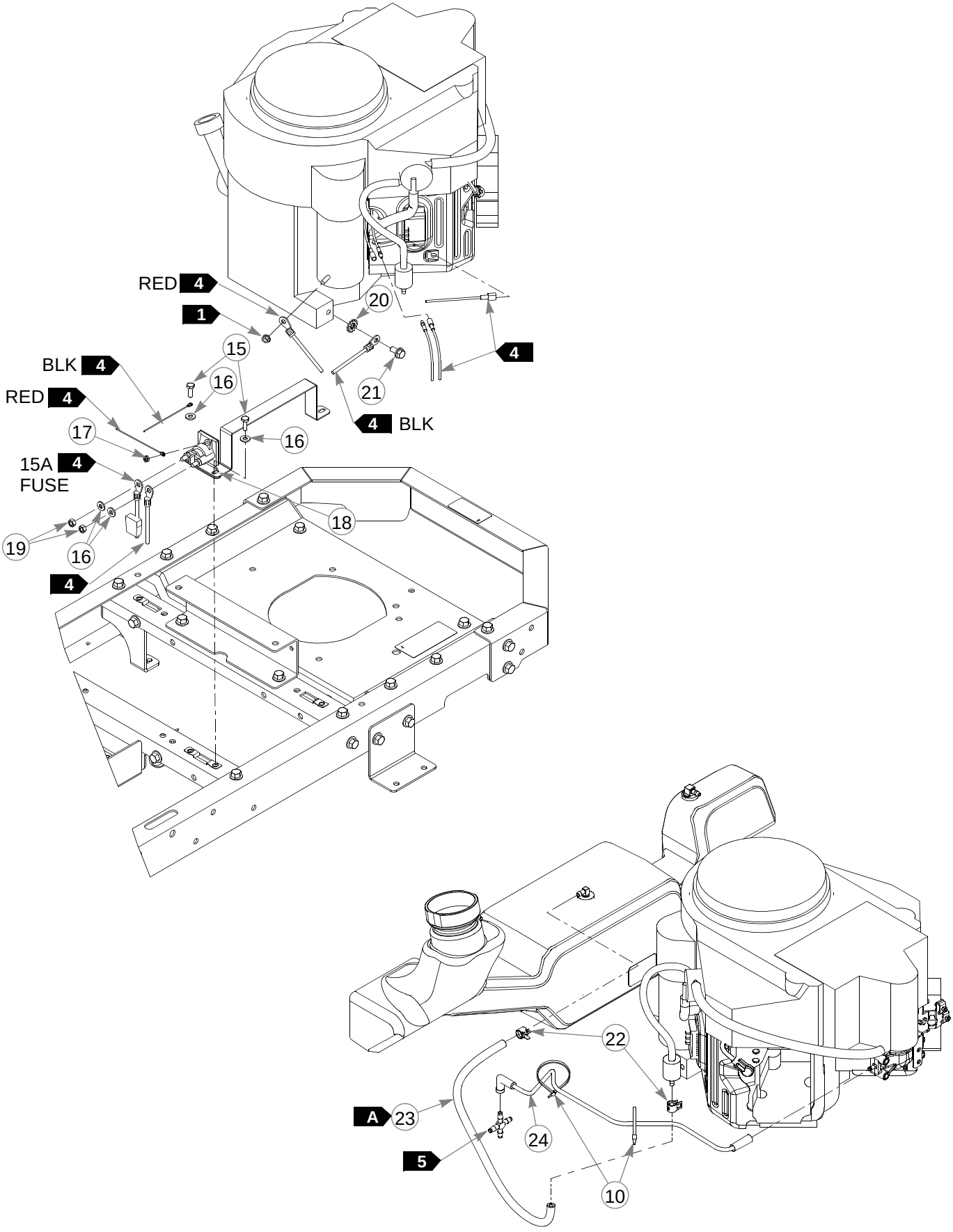
Engine, Kawasaki FR651V & FR691V—W/O Carbon Canister

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KAWASAKI FR651V & FR691V ENGINE
2	604463	12"	OIL DRAIN HOSE
3	604016	1	MUFFLER
4	016899	1	NT .375-16 HX FLK ZNYC
5	116290	1	CLUTCH ANCHOR
6	767954	5	FW .406 X .812 X .060 SAE
7	036244	1	CS .375-16 X 1.00 HX G5
8	602580	4	CS .375-16 X 1.25 HX G5 P85
9	604185	1	STUB SHAFT PUMP PULLEY
10	000331	3	WIRE TIE
11	791251	1	CLUTCH HARNESS PIGTAIL
12	604244K	1	CLUTCH KIT
13	602680	1	FW .453 X 1.12 X .119 HRD
14	604271	1	CS .437-20 X 4.00 HX G5

NOTES:

1. Supplied with the engine.
2. Torque the bolt to 45–48 ft-lbs. Replace (do not reuse) the cap screw if it is removed or loosened. Use only hand tools to install this fastener.
3. Torque the bolt to 30–35 ft-lbs. Replace (do not reuse) the cap screw if it is removed or loosened. Use only hand tools to install this fastener.

Engine, Kawasaki FR651V & FR691V—W/O Carbon Canister



Engine, Kawasaki FR651V & FR691V—W/O Carbon Canister

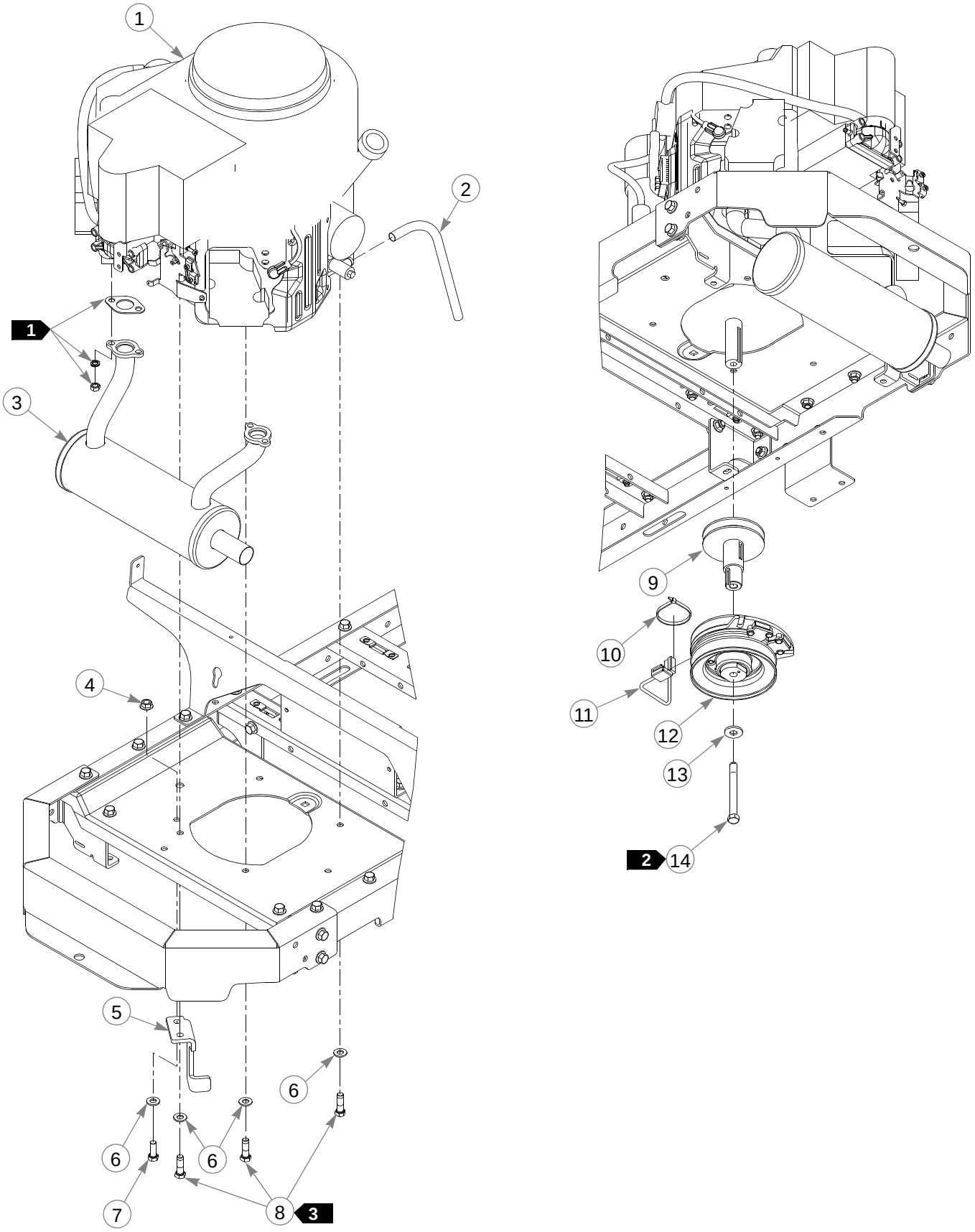
INDEX NO.	PART NO.	QTY.	DESCRIPTION
15	055939	2	CS .250-20 X .75 HX G5
16	768515	4	FW .281 X .625 X .051/.080 HD ZN/YL
17	044255	1	NT #10-32 HX ZN
18	030817	1	STARTER SOLENOID
19	024927	2	NT .250-20 HX G5 ZNYC
20	029876	1	LW .312 INT-EXT TOOTH
21	720516	1	CS M8 X 1.25 X 16 HX G10.9
22	000323	2	HOSE CLAMP
23	015818	18"	1/4" FUEL LINE
24	604274	1	3/16" FORMED VAPOR LINE

NOTES:

FUEL LINE LENGTH		
A	18"	TANK TO ENGINE

4. Part of the mower wire harness.
5. Part of the fuel system.

Engine, Kawasaki FR651V—With Carbon Canister



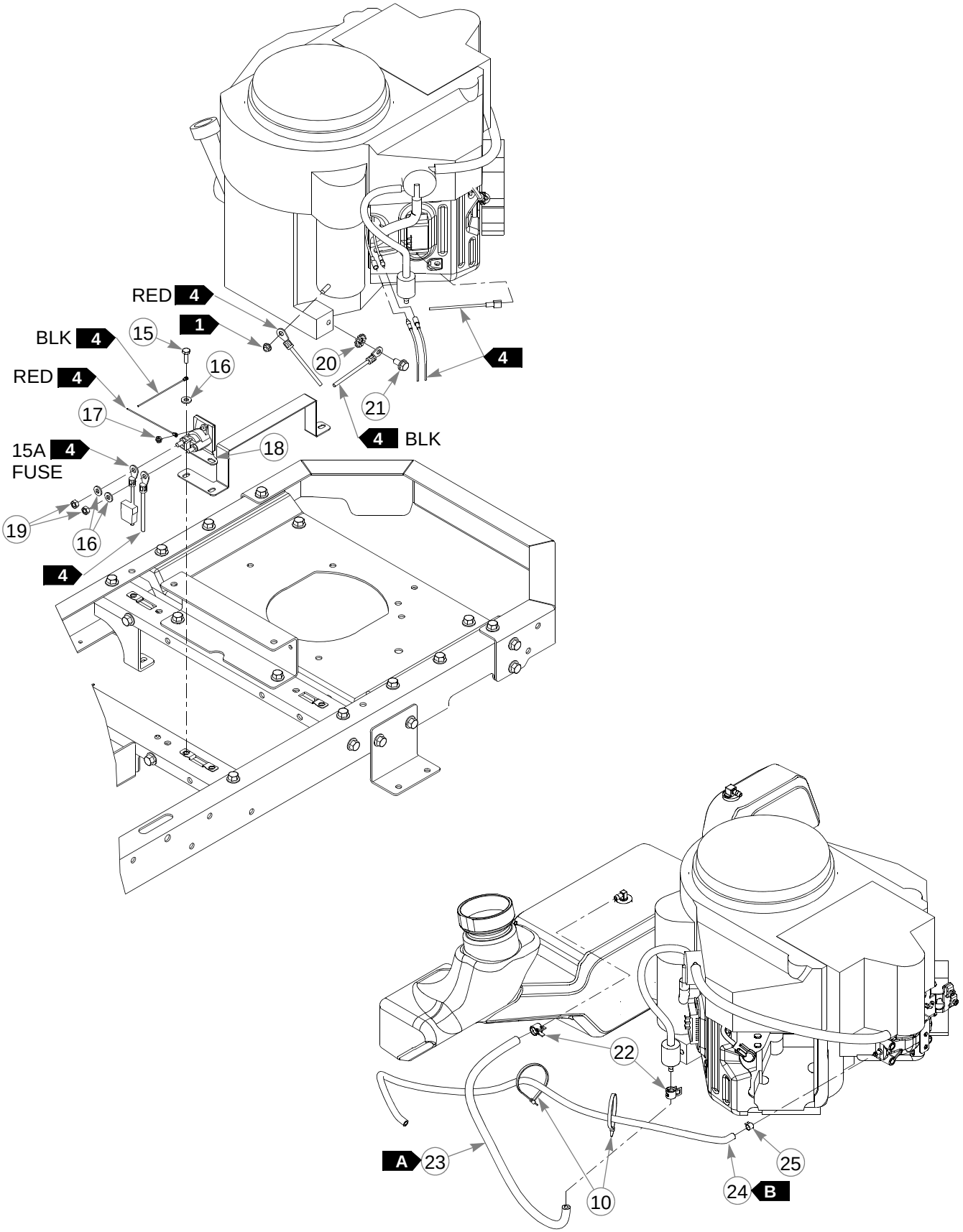
Engine, Kawasaki FR651V—With Carbon Canister

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KAWASAKI FR651V ENGINE
2	604463	12"	OIL DRAIN HOSE
3	604016	1	MUFFLER
4	016899	1	NT .375-16 HX FLK ZNYC
5	116290	1	CLUTCH ANCHOR
6	767954	5	FW .406 X .812 X .060 SAE
7	036244	1	CS .375-16 X 1.00 HX G5
8	602580	4	CS .375-16 X 1.25 HX G5 P85
9	604185	1	STUB SHAFT PUMP PULLEY
10	000331	4	WIRE TIE
11	791251	1	CLUTCH HARNESS PIGTAIL
12	604244	1	CLUTCH
13	602680	1	FW .453 X 1.12 X .119 HRD
14	604271	1	CS .437-20 X 4.00 HX G5

NOTES:

1. Supplied with the engine.
2. Torque bolt to 45-48 ft-lbs. Use only hand tools to install this fastener.
3. Torque the bolt to 30–35 ft-lbs. Replace (do not reuse) the cap screw if it is removed or loosened. Use only hand tools to install this fastener.

Engine, Kawasaki FR651V—With Carbon Canister



Engine, Kawasaki FR651V—With Carbon Canister

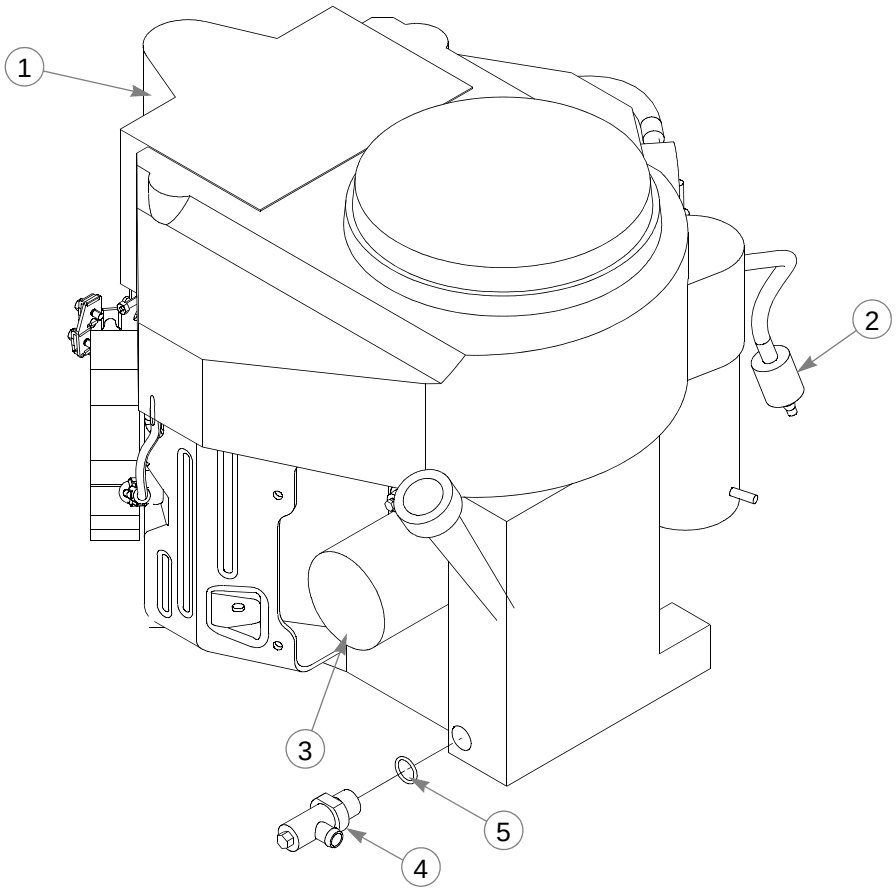
INDEX NO.	PART NO.	QTY.	DESCRIPTION
15	055939	2	CS .250-20 X .75 HX G5
16	768515	4	FW .281 X .625 X .051/.080 HD ZN/YL
17	044255	1	NT #10-32 HX ZN
18	030817	1	STARTER SOLENOID
19	024927	2	NT .250-20 HX G5 ZNYC
20	029876	1	LW .312 INT-EXT TOOTH
21	720516	1	CS M8 X 1.25 X 16 HX G10.9
22	000323	2	HOSE CLAMP
23	015818	18"	1/4" FUEL LINE
24	603326	38"	3/16" VAPOR LINE
25	603112	1	CLAMP, 3/16"

NOTES:

FUEL & VAPOR LINE LENGTH		
A	18"	VALVE TO ENGINE (FUEL)
B	38"	CANISTER TO ENGINE (VAPOR)

4. Part of the mower wire harness.

Engine Service Parts, Kawasaki FR651V & FR691V



INDEX NO.	PART NO.	QTY	DESCRIPTION
1	603059	1	AIR FILTER
2	068478	1	IN-LINE FUEL FILTER
3	602581	1	OIL FILTER
4	604350	1	OIL DRAIN VALVE
5	604369	1	O-RING

NOTES:

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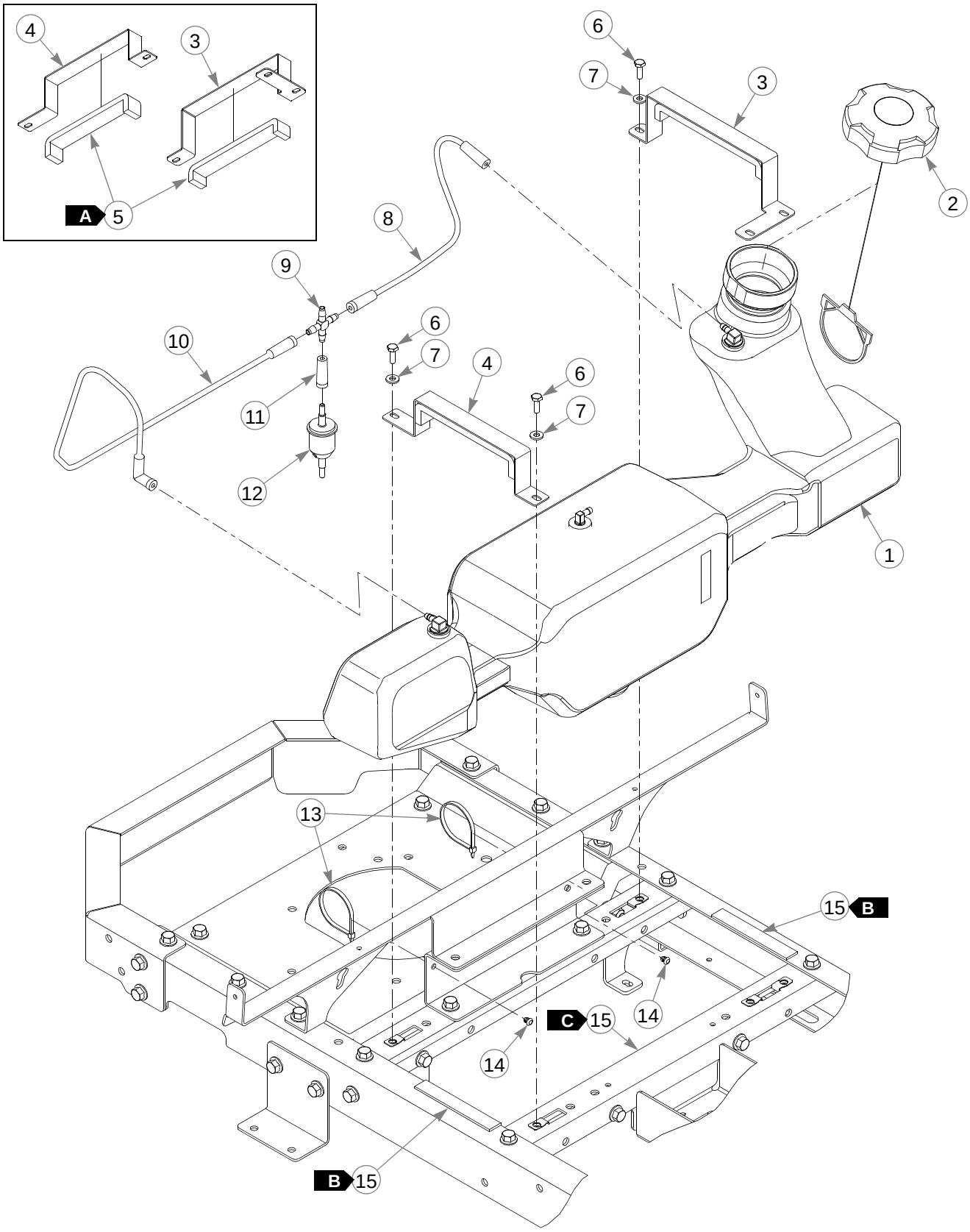
Fuel System—Without Carbon Canister



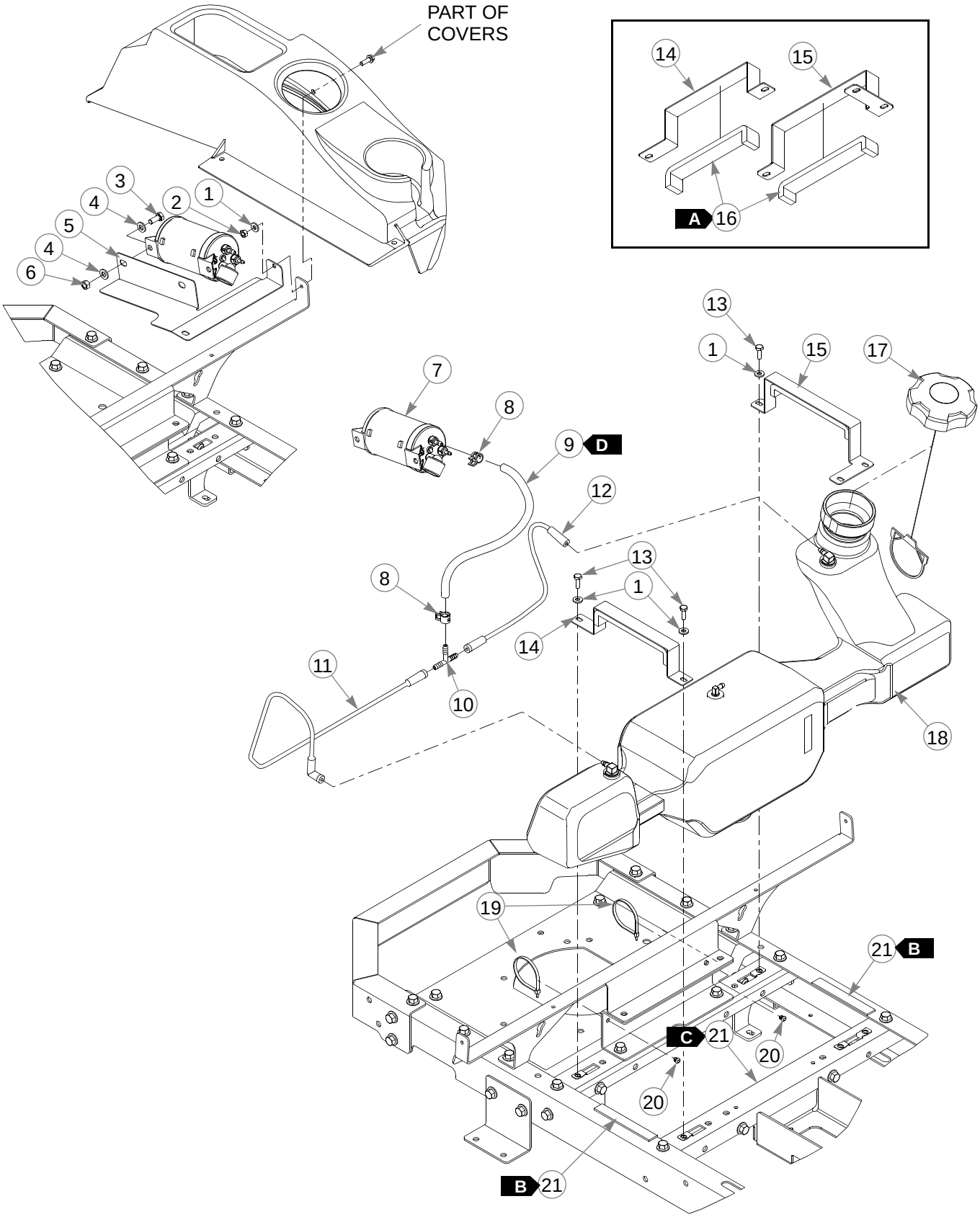
Fuel System—Without Carbon Canister

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604336	1	FUEL TANK ASSEMBLY
2	603807	1	RATCHETING GAS CAP, 3.5"
3	117059	1	LEFT TANK MOUNT
4	117060	1	RIGHT TANK MOUNT
5	713198	18.5"	SEAL 3/8 X 3/4
6	055939	3	CS .250-20 X .75 HX G5
7	768515	3	FW .281 X .625 X .051/.080 HD ZN/YL
8	604279	1	3/16" FORMED VAPOR LINE
9	604322	1	1/4" HOSE BARB CROSS
10	604273	1	3/16" FORMED VAPOR LINE
11	604292	1	BOOT, 3/16" TO 1/4" BARB
12	604323	1	VAPOR SYSTEM FILTER
13	000331	2	WIRE TIE
14	604307	2	PUSH BUTTON MOUNT
15	033035	22"	WEATHERSTRIP

NOTES:

WEATHERSTRIP LENGTH	
A	9.25"
B	5"
C	12"

Fuel System—With Carbon Canister



Fuel System—With Carbon Canister

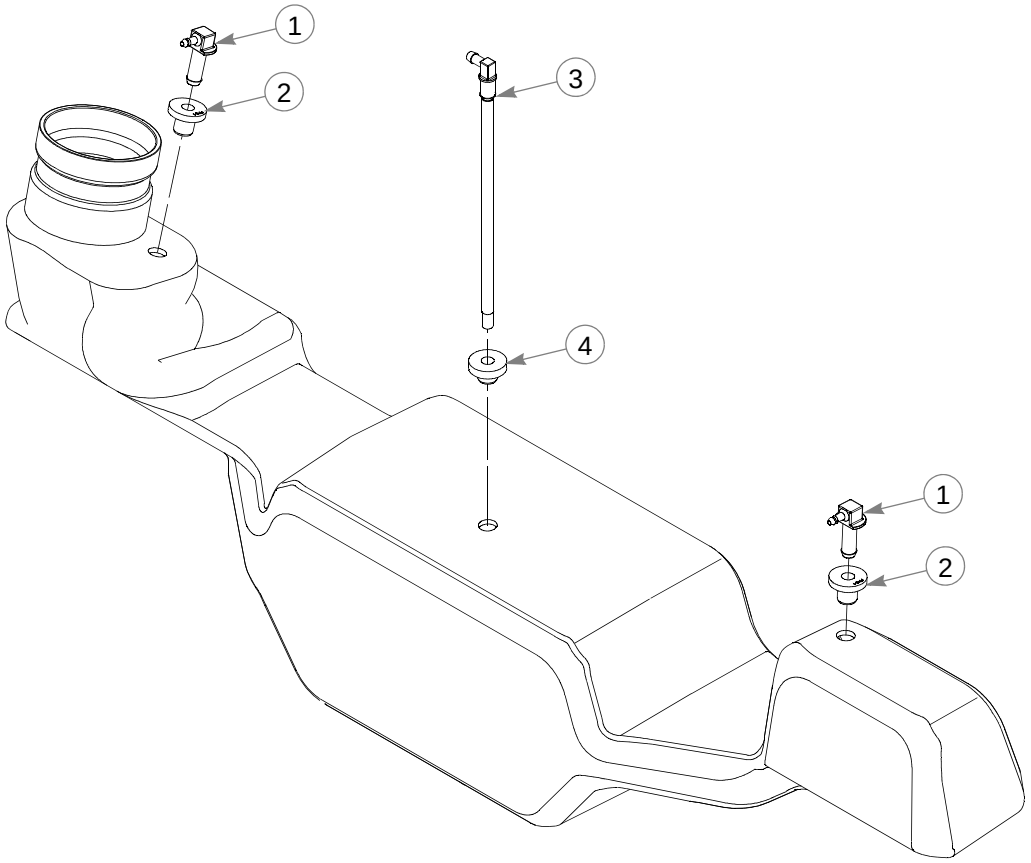
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	768515	4	FW .281 X .625 X .051/.080 HD ZN/YL
2	024927	1	NT .250-20 HX G5 ZNYC
3	034280	2	CS .312-18 X .75 HX G5
4	768523	4	FW .343 X .687 X .051/.080H
5	117463	1	CARBON CANISTER MOUNT
6	034272	2	NT .312-18 HX G5 ZNYC
7	604376	1	CARBON CANISTER
8	000323	2	HOSE CLAMP
9	015818	13"	1/4" FUEL LINE
10	603306	1	PLASTIC TEE 1/4"
11	604273	1	3/16" FORMED VAPOR LINE
12	604279	1	3/16" FORMED VAPOR LINE
13	055939	3	CS .250-20 X .75 HX G5
14	117060	1	RIGHT TANK MOUNT
15	117059	1	LEFT TANK MOUNT
16	713198	18.5"	SEAL 3/8 X 3/4
17	603807	1	RATCHETING GAS CAP, 3.5"
18	604336	1	FUEL TANK ASSEMBLY
19	000331	2	WIRE TIE
20	604307	2	PUSH BUTTON MOUNT
21	033035	22"	WEATHERSTRIP

NOTES:

WEATHERSTRIP LENGTH	
A	9.25"
B	5"
C	12"

VAPOR LINE LENGTH		
D	13"	TEE TO CARBON CANISTER (VAPOR)

Fuel Tank Service Parts



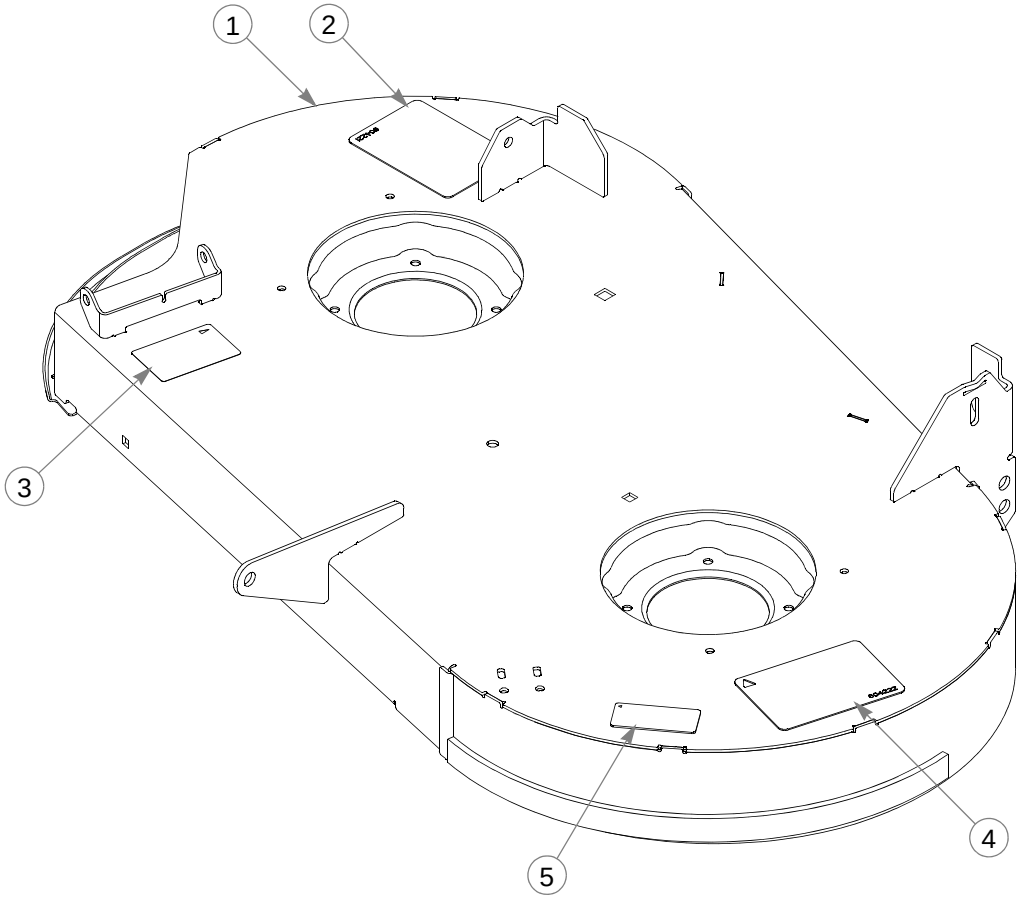
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604199	2	VENT FITTING
2	604200	2	GROMMET
3	604340	1	SUCTION HOSE ASSEMBLY 7.75"
4	785295	1	GROMMET

NOTES:

Section 6

42" Service Deck 6-2
42" Deck Pulleys & Spindles 6-4
42" Deck 6-6
42" Deck Lift 6-8
52" Service Deck 6-10
52" Deck Pulleys & Spindles 6-12
52" Deck 6-14
52" Deck Lift 6-16

42" Service Deck



INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	551896	1	42" DECK (WITH DECALS)
2	604221	1	DANGER/CHUTE DECAL
3	602243	1	BELT ROUTING DECAL
4	604222	1	DANGER/OBJECTS DECAL
5	793521	1	42" DECK ID DECAL

NOTES:

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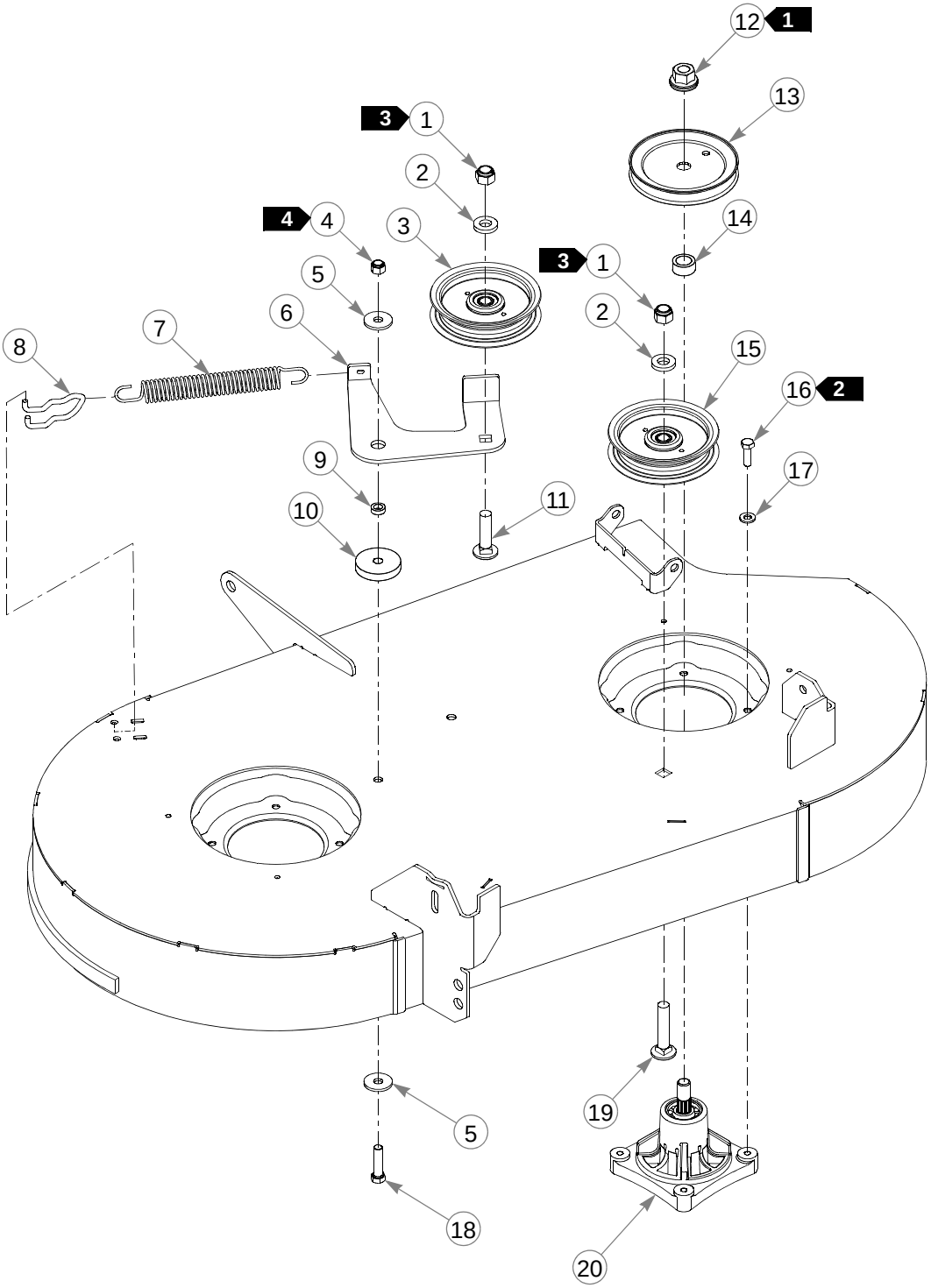
42" Deck Pulleys & Spindles



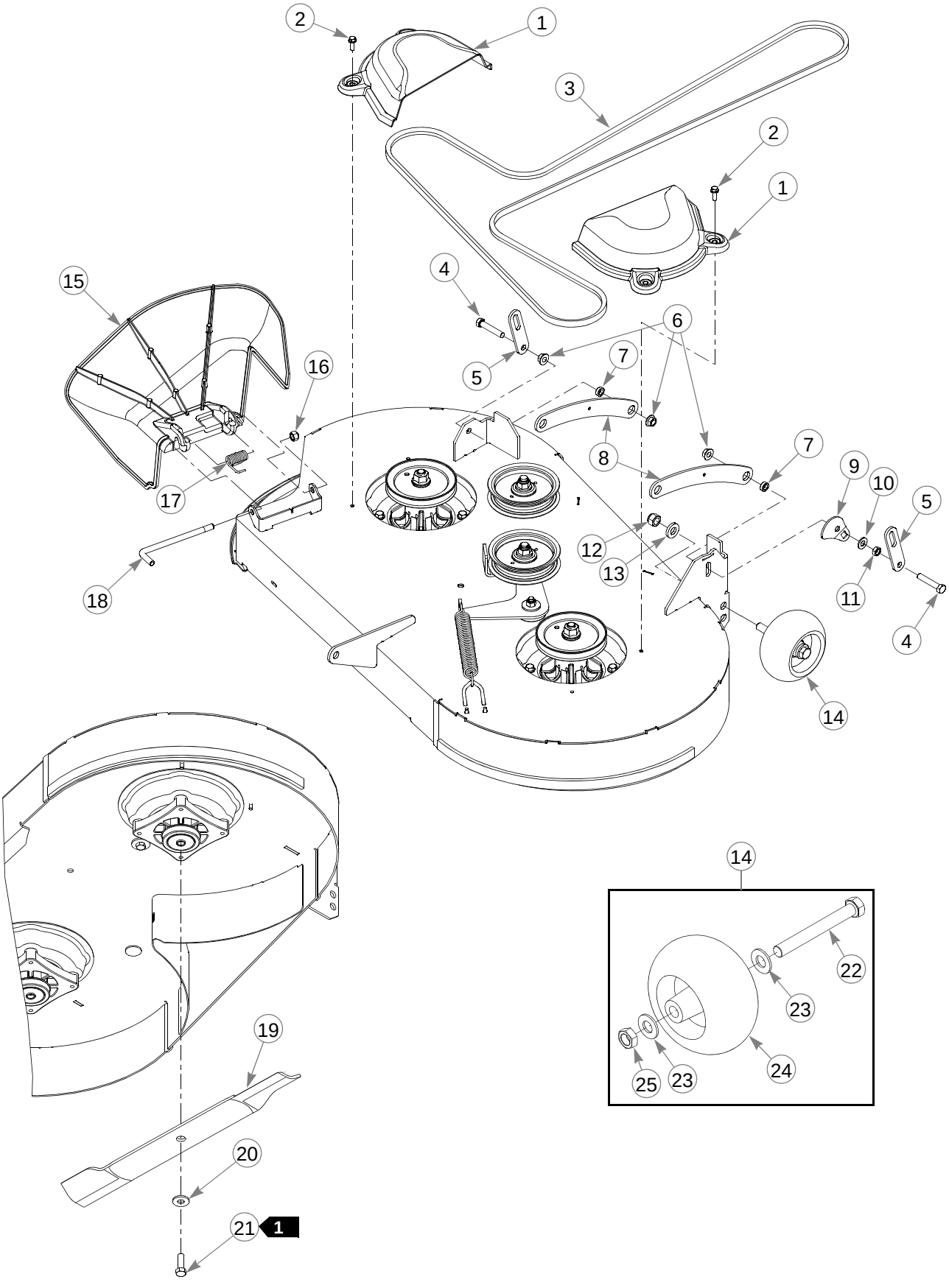
42" Deck Pulleys & Spindles

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	781567	2	NT .500-13 HX G8 ZY NL
2	767962	2	FW .531 X 1.063 X .090 SAE
3	603986	1	IDLER PULLEY, 4.00" FLAT
4	086660	1	NT .375-16 HX ZY NL
5	712893	2	FW .406 X 1.25 X .12 HRD Z
6	117512	1	IDLER ARM
7	604291	1	IDLER SPRING
8	604110	1	SPRING TENSIONER ANCHOR
9	601839	1	PIVOT SPACER BUSHING
10	117539	1	SPACER
11	604253	1	CB .50-13 X 2.00 STD ZN
12	604172	2	NT .562-18 HX G5 ZN
13	603987	2	PULLEY
14	604123	2	PULLEY SPACER
15	604219	1	IDLER PULLEY, 4.00" FLAT
16	036236	8	CS .312-18 X 1.00 HX G5
17	768523	8	FW .343 X .687 X .051/.080H
18	080655	1	CS .375-16 X 1.50 HX G5
19	604254	1	CB .50-13 X 2.50 STD ZN
20	604214	2	SPINDLE ASSEMBLY

NOTES:

1. Torque to 50–75 ft-lbs.
2. Torque to 18 ft-lbs.
3. Torque to 73 ft-lbs.
4. Torque to 30 ft-lbs. The idler arm should pivot freely.

42" Deck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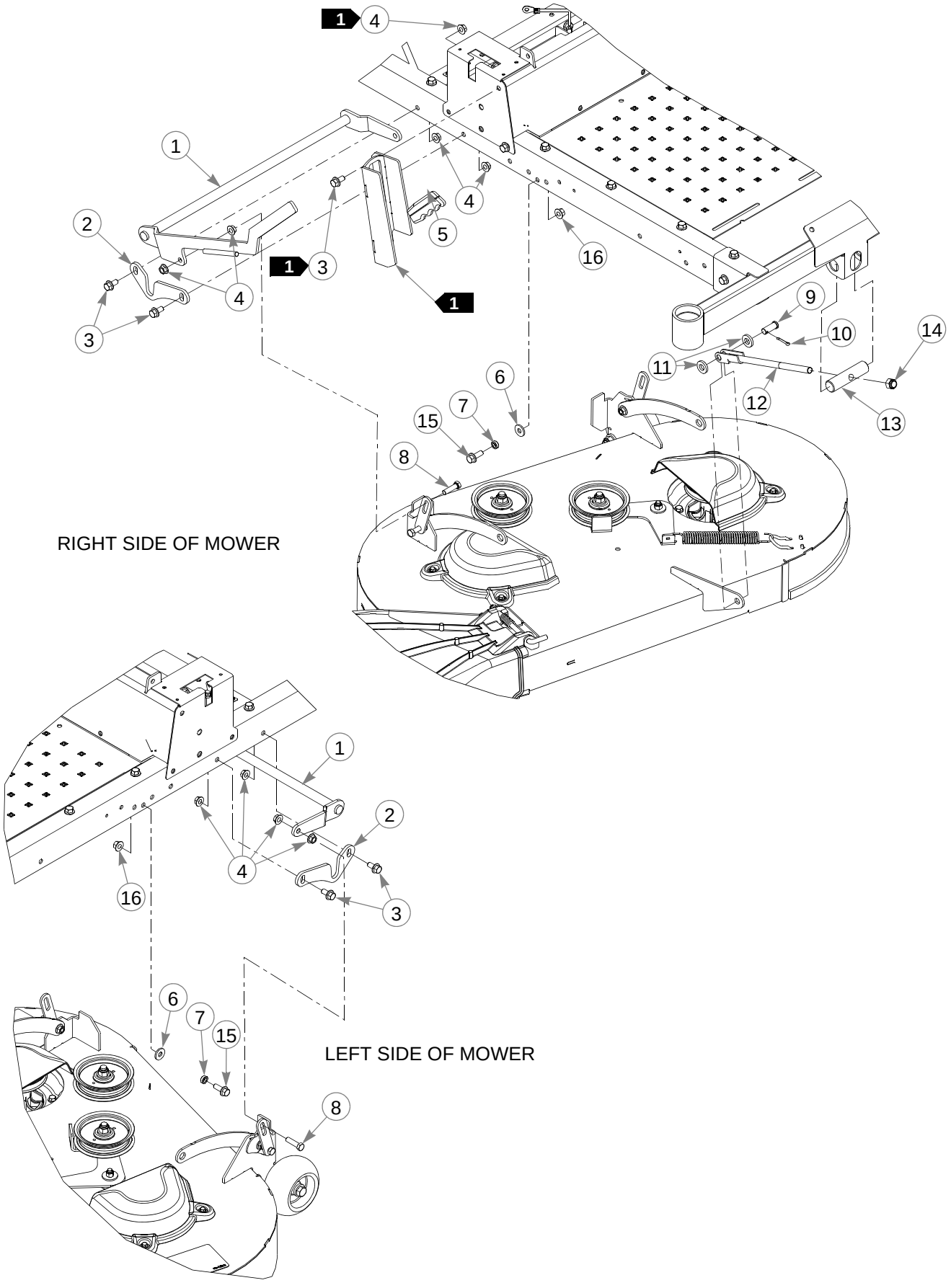
42" Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604403	2	42" PULLEY COVER
2	604324	4	CS .250-20 X .75 HX FLG
3	793828	1	BELT, A SEC
4	016410	2	CS .375-16 X 2.00 G5 ZNYC
5	116157	2	DECK LIFT LINK
6	016899	3	NT .375-16 HX FLK ZNYC
7	601839	2	PIVOT SPACER BUSHING
8	116155	2	DECK LINK
9	116911	1	LEVELER CAM
10	767954	1	FW .406 X .812 X .060 SAE
11	706168	1	NT .375-16 HX JAM G5 Z
12	781567	1	NT .500-13 HX G8 ZY NL
13	767962	1	FW .531 X 1.063 X .090 SAE
14	788166	1	PLASTIC WHEEL ASSEMBLY
15	604268	1	DISCHARGE CHUTE
16	086660	1	NT .375-16 HX ZY NL
17	604331	1	CHUTE SPRING
18	604346	1	DISCHARGE CHUTE PIN
19	603992	2	BLADE, 20.50"-M-F-CW
	793794	2	BLADE, 20.50"-L-F-CW
	794685	2	BLADE, F20.50"-H-F-CW
	793935	2	BLADE, 20.50"-CAT-F-CW
	794214	2	BLADE, 20.50"-MUL-F-CW
	794230	2	BLADE, 20.50" GAT-F-CW
20	602680	2	FW .453 X 1.12 X .119 HRD
21	754101	2	CS .437-20 X 1.25 HX G5 ZNY
22	781708	1	CS .500-13 X 4.25 HX G5
23	767962	2	FW .531 X 1.063 X .090 SAE
24	031997	1	PLASTIC WHEEL
25	053199	1	NT .500-13 HX JAM ZNYC

NOTES:

1. Torque to 48 ft-lbs.

42" Deck Lift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RIGHT SIDE OF MOWER
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LEFT SIDE OF MOWER

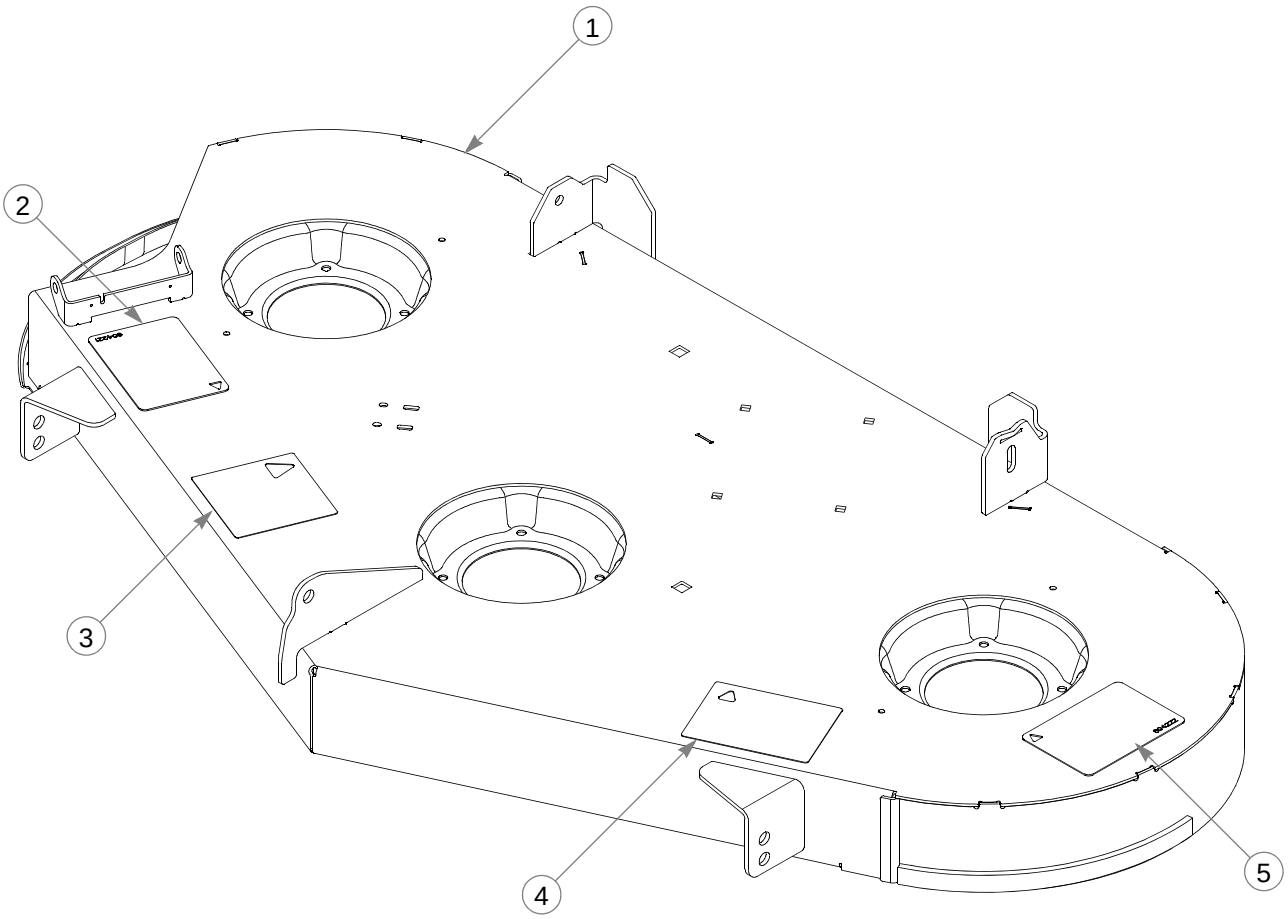
42" Deck Lift

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	116156	1	LIFT HANDLE
2	116151	2	PIVOT BLOCK
3	029629	4	CS .375-16 X .75 HX FLK
4	016899	8	NT .375-16 HX FLK ZNYC
5	604377	1	GRIP
6	712919	2	FW .406 X 1.00 X .12 HRD Z
7	601839	2	PIVOT SPACER BUSHING
8	005116	2	CS .375-16 X 1.375 HX G5
9	027714	1	CE .500 X 1.25 .156 X 1.093
10	017251	1	CP .156D X 1.00 LG HML Z
11	767962	2	FW .531 X 1.063 X .090 SAE
12	603918	1	LIFT ROD
13	603920	1	PIVOT PIN
14	781567	1	NT .500-13 NL G5
15	029751	2	CS .375-16 X 1.00 HX FLK
16	604515	2	NT 0.375-16 FL NY GF

NOTES:

1. Part of the steering cover assembly.

52" Service Deck



INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	551770	1	52" DECK (WITH DECALS)
2	604221	1	DANGER/CHUTE DECAL
3	781419	1	BELT ROUTING DECAL
4	785535	1	52" DECK DECAL
5	604222	1	DANGER/OBJECTS DECAL

NOTES:

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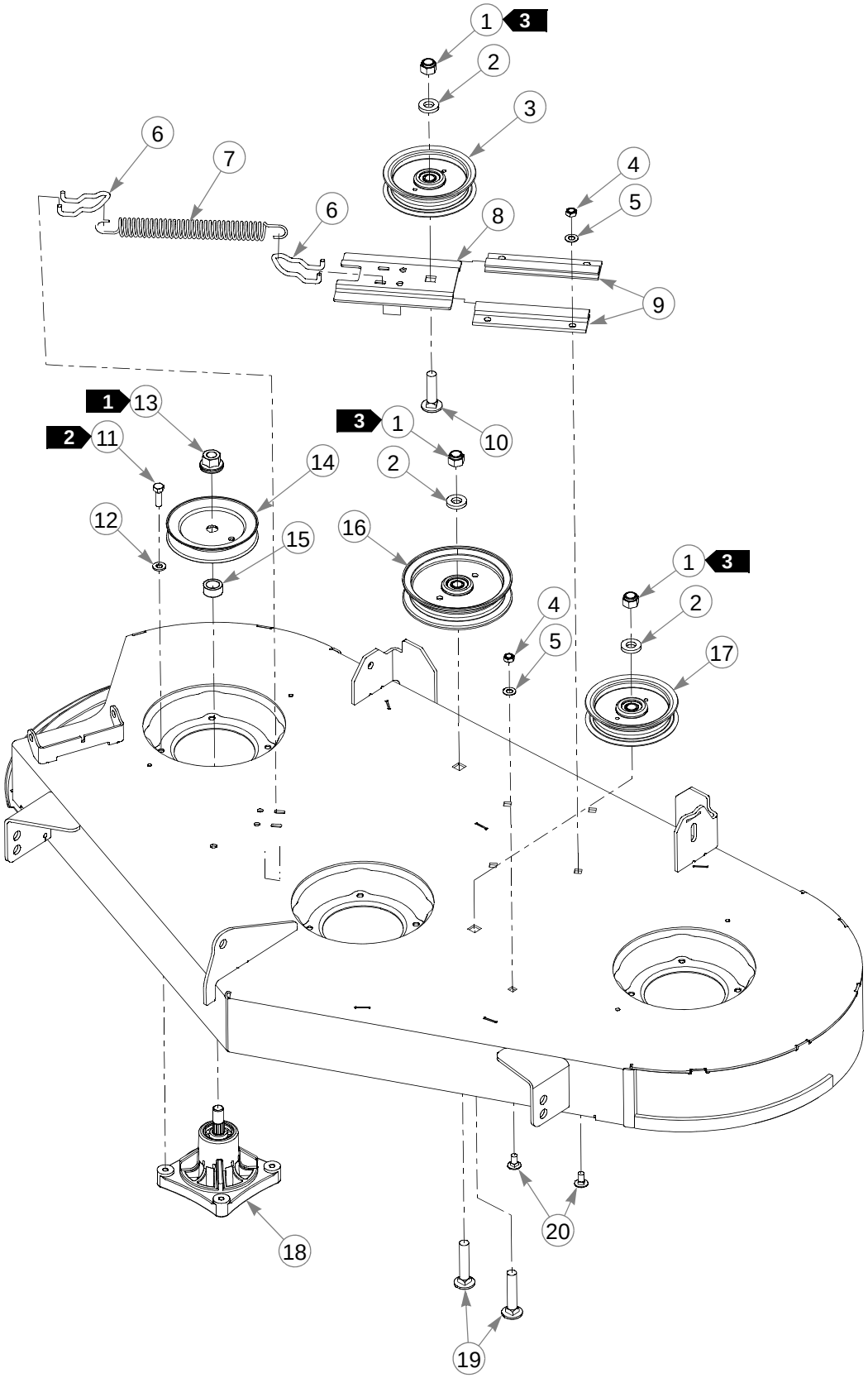
52" Deck Pulleys & Spindles



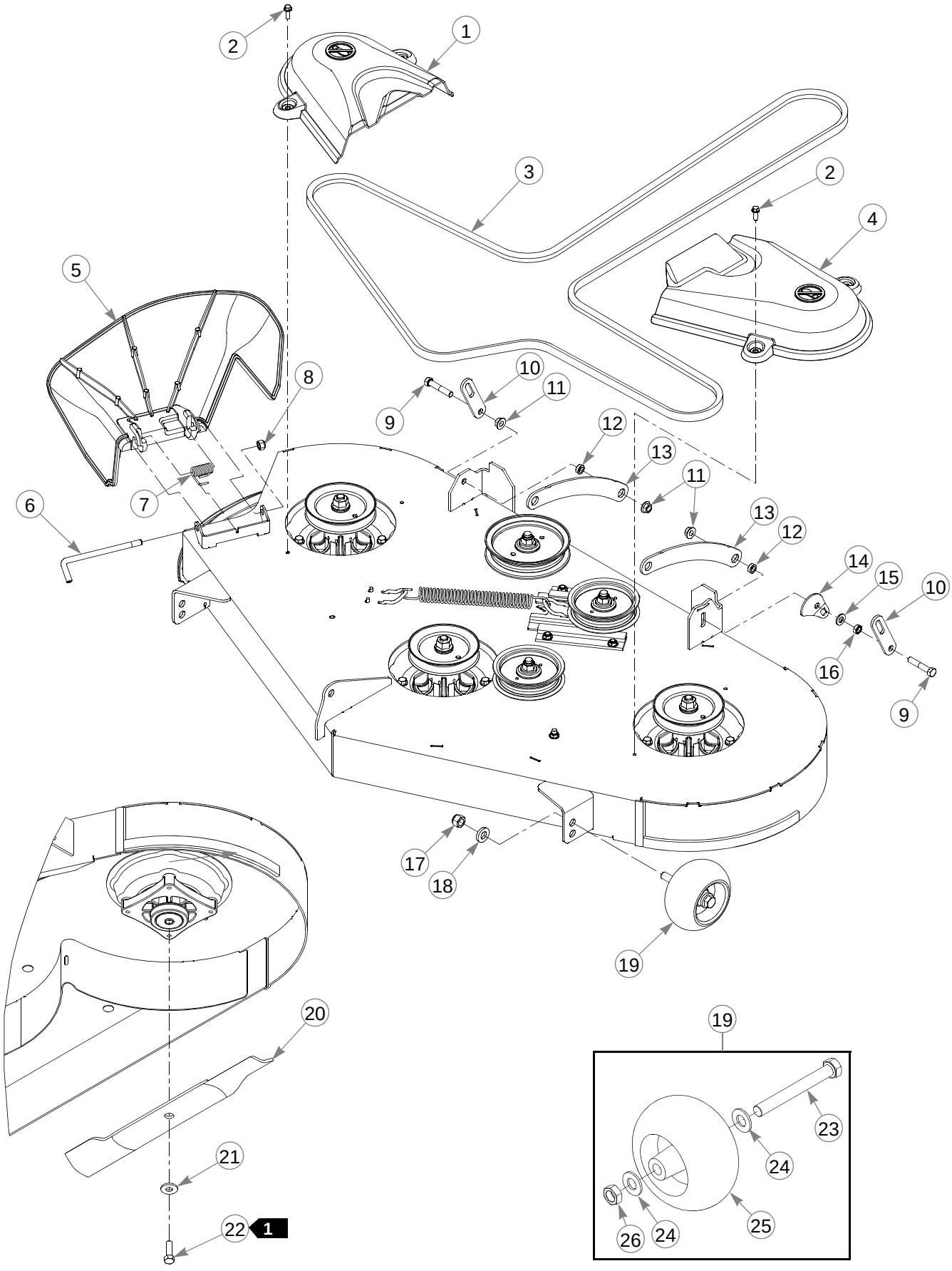
52" Deck Pulleys & Spindles

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	781567	3	NT .500-13 HX G8 ZY NL
2	767962	3	FW .531 X 1.063 X .090 SAE
3	603986	1	IDLER PULLEY, 4.00" FLAT
4	604251	5	NT .312-18 HX NL JAM G2 ZN
5	604252	5	FW .340 X .675 X .035 ZN
6	604110	2	SPRING TENSIONER ANCHOR
7	604291	1	IDLER SPRING
8	604194	1	IDLER SLED
9	604079	2	IDLER SLIDE
10	604253	1	CB .50-13 X 2.00 STD ZN
11	036236	12	CS .312-18 X 1.00 HX G5
12	768523	12	FW .343 X .687 X .051/.080H
13	604172	3	NT .562-18 HX G5 ZN
14	603988	3	DRIVE PULLEY "B-SEC"
15	604123	3	PULLEY SPACER
16	604231	1	IDLER PULLEY, 5.00" O.D.
17	604219	1	IDLER PULLEY, 4.00" FLAT
18	604214	3	SPINDLE ASSEMBLY
19	604254	2	CB .50-13 X 2.50 STD ZN
20	083147	5	CB .312-18 X .620 G5 ZN

NOTES:

1. Torque to 50–75 ft-lbs.
2. Torque to 18 ft-lbs.
3. Torque to 73 ft-lbs.

52" Deck



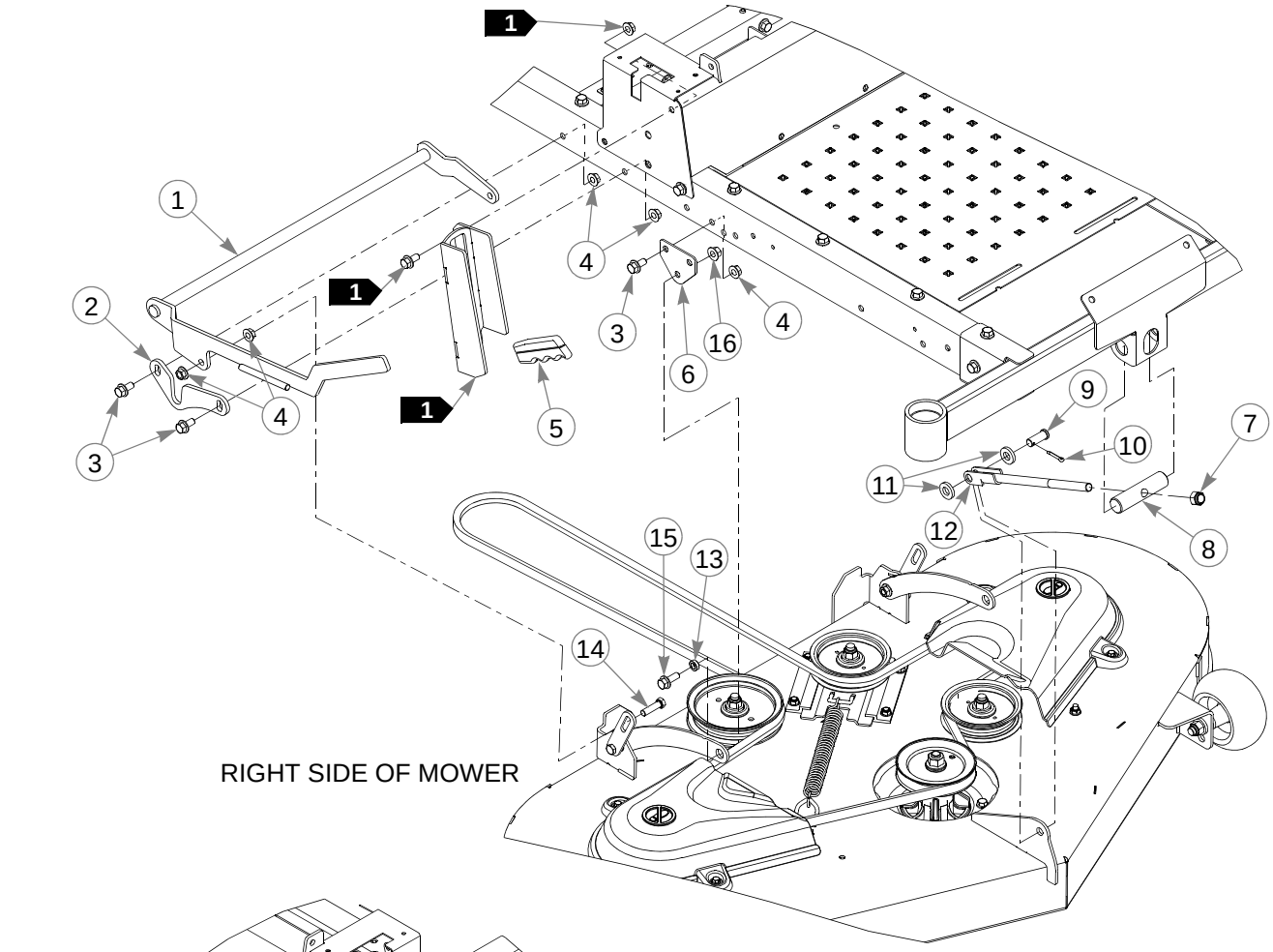
52" Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604337	1	RS PULLEY COVER
2	604324	4	CS .250-20 X .75 HX FLG
3	791988	1	BELT, B 140.77" EL
4	604338	1	LS PULLEY COVER
5	604268	1	DISCHARGE CHUTE
6	604346	1	DISCHARGE CHUTE PIN
7	604331	1	CHUTE SPRING
8	086660	1	NT .375-16 HX ZY NL
9	016410	2	CS .375-16 X 2.00 G5 ZNYC
10	116157	2	DECK LIFT LINK
11	016899	3	NT .375-16 HX FLK ZNYC
12	601839	2	PIVOT SPACER BUSHING
13	116155	2	DECK LINK
14	116911	1	LEVELER CAM
15	767954	1	FW .406 X .812 X .060 SAE
16	706168	1	NT .375-16 HX JAM G5 Z
17	781567	2	NT .500-13 HX G8 ZY NL
18	767962	2	FW .531 X 1.063 X .090 SAE
19	788166	2	PLASTIC WHEEL ASSEMBLY
20	603995	3	BLADE, 17.86" -M-F-CW
	783753	3	BLADE, 17.86"-L-F-CW
	787721	3	BLADE, 17.86"-H-F-CW
	603848	3	BLADE, 17.86"-CAT-F-CW
	794198	3	BLADE, 17.86"-MUL-F-CW
	785436	3	BLADE, 17.86"-GAT-F-CW
21	602680	3	FW .453 X 1.12 X .119 HRD
22	754101	3	CS .437-20 X 1.25 HX G5 ZNY
23	781708	1	CS .500-13 X 4.25 HX G5
24	767962	2	FW .531 X 1.063 X .090 SAE
25	031997	1	PLASTIC WHEEL
26	053199	1	NT .500-13 HX JAM ZNYC

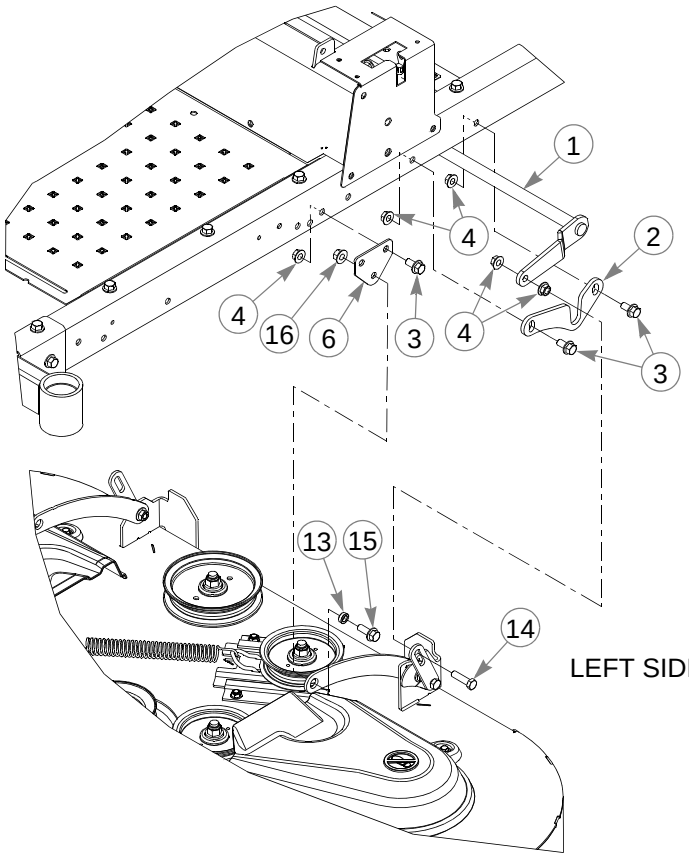
NOTES:

1. Torque to 48 ft-lbs.

52" Deck Lift



RIGHT SIDE OF MOWER



LEFT SIDE OF MOWER

52" Deck Lift

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	116156	1	LIFT HANDLE
2	116151	2	PIVOT BLOCK
3	029629	8	CS .375-16 X .75 HX FLK
4	016899	12	NT .375-16 HX FLK ZNYC
5	604377	1	GRIP
6	116916	2	DECK LINK PLATE
7	781567	1	NT .500-13 NL G5
8	603920	1	PIVOT PIN
9	027714	1	CE .500 X 1.25 .156 X 1.093
10	017251	1	CP .156D X 1.00 LG HML Z
11	767962	2	FW .531 X 1.063 X .090 SAE
12	603918	1	LIFT ROD
13	601839	2	PIVOT SPACER BUSHING
14	005116	2	CS .375-16 X 1.375 HX G5
15	029751	2	CS .375-16 X 1.00 HXFLK
16	604515	2	NT .375-16 FL NY GF

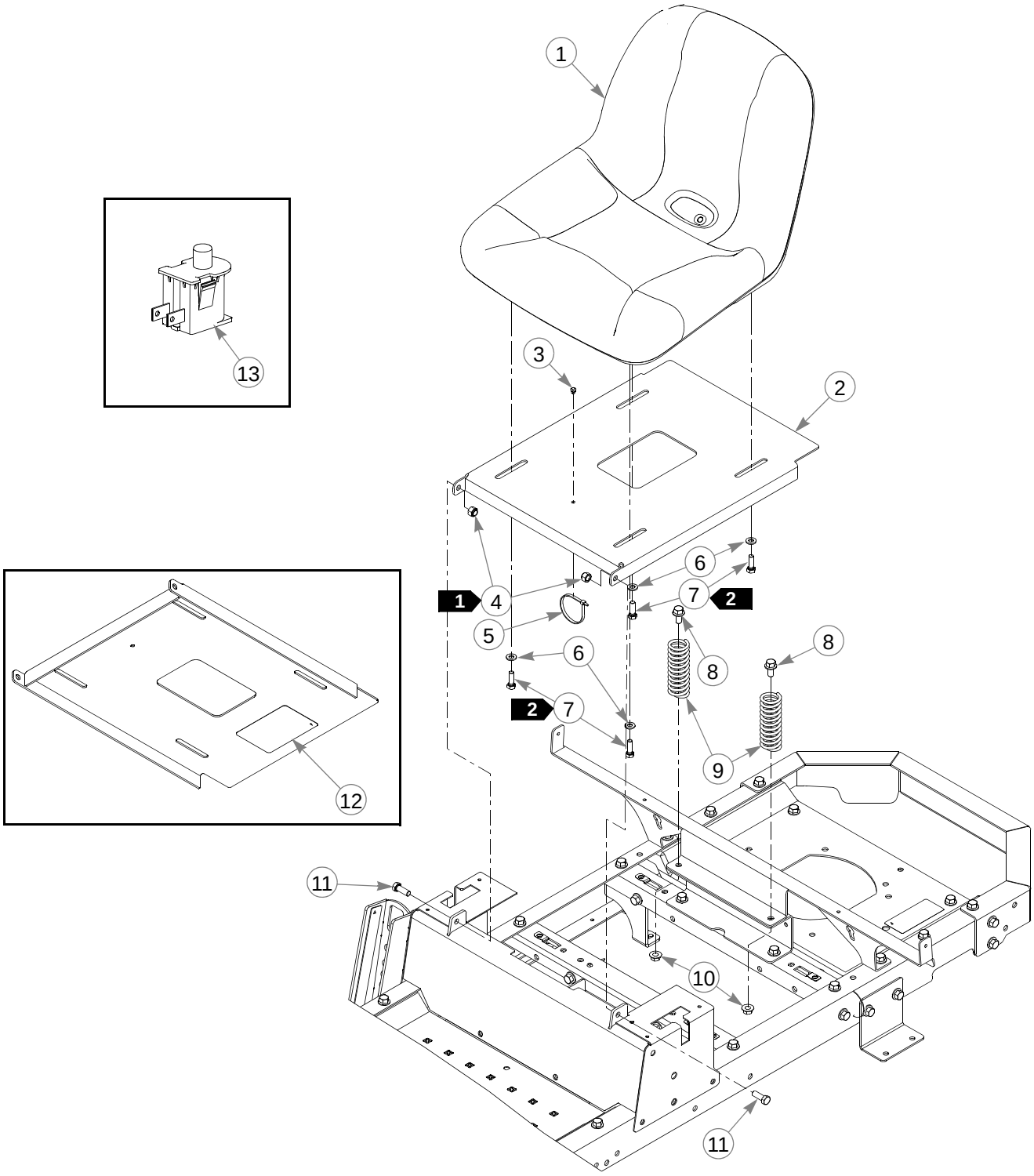
NOTES:

1. Part of the steering cover assembly.

Section 7

Seat 7-2

Seat



Seat

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	601807	1	STANDARD SEAT
2	551897	1	SEAT PAN (WITH DECAL)
3	604307	1	PUSH BUTTON MOUNT
4	086660	2	NT .375-16 HX ZY NL
5	000331	1	WIRE TIE
6	768523	4	FW .343 X .687 X .051/.080H
7	036236	4	CS .312-18 X 1.00 HX G5
8	029629	2	CS .375-16 X .75 HX FLK
9	793851	2	COMPRESSION SPRING 1.25 X 4.00 X .188
10	016899	2	NT .375-16 HX FLK ZNYC
11	036244	2	CS .375-16 X 1.00 HX G5
12	601815	1	BATTERY WARNINGS DECAL
13	793315	1	SEAT SWITCH

NOTES:

1. Do not torque; the seat pan must pivot freely.
2. Torque to 7 ft-lbs.